

1921.  
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WESTERN AUSTRALIA.

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# Quarterly Statistical Abstract

*(The preliminary figures published in this Abstract are, as far as possible, revised every quarter. Those which appear in this issue consequently supersede any contained in previous issues.)*

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No. 220.  
To 31st December, 1920.

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Compiled from Official Returns.

S. BENNETT, F.I.A.,  
Government Statistician.



PERTH:  
BY AUTHORITY: FRED. WM. SIMPSON, GOVERNMENT PRINTER.

1921.

## NOTES.

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The object of the publication of this "Statistical Abstract" is to furnish each quarter, in a handy and compact form, the latest Official Statistics in connection with those special subjects in regard to which Politicians, the Press, and the Public usually require early and reliable information.

The assistance of the following Government officers, who kindly supply the figures for the respective branches under their supervision, is gratefully acknowledged: The Commonwealth Statistician, the Collector of Customs at Fremantle, the Secretary to the Immigration Department, the Under Treasurer, the Governor of the Commonwealth Bank, the Manager of the State Government Savings Bank, the Heads of the three Railway Systems in the State, the Under Secretary for Mines, the Under Secretary for Lands, the Divisional Officer of the Commonwealth Weather Bureau for the State, and the State Chief Electoral Officer.

Government Statistician's Office,  
Perth, Western Australia.  
24th January, 1921.

S. BENNETT,  
Government Statistician.



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# STATISTICS OF WESTERN AUSTRALIA.

(All figures in heavy type are preliminary figures, liable to revision.)

## I.—POPULATION AND VITAL STATISTICS.

Estimate of Population of Metropolitan Area, 31st December, 1919—Males, 62,000;  
Females 80,000; Total, 142,000.

No. 1.—Population of Western Australia (exclusive of full-blooded Aborigines) from 1910.

Period.	Estimated Population on last day of period.			Increase during period.	Masculinity, §	Mean Population.
	Males.	Females.	Total.			
1910 ... ..	157,971	118,861	276,832	11,157	14·13	271,019
1915 ... ..	171,304	146,712	318,016	†5,002	7·73	322,357
1916 ... ..	159,998	148,808	308,806	†9,210	3·62	314,710
1917 ... ..	158,701	150,722	309,423	617	2·58	308,579
1918 ... ..	161,464	151,983	313,447	4,024	3·02	311,092
1919 ... ..	176,902	154,758	331,660	18,213	6·68	323,503
First Quarter, 1920	177,779	154,765	332,544	884	6·62	332,102
Second Quarter, 1920	178,463	155,713	334,176	1,632	6·81	333,360
Third Quarter, 1920 <i>a</i>	179,112	156,552	335,664	1,488	6·72	334,920
October, 1920 ... ..	179,079	156,591	335,670	6	6·70	335,665
November, 1920 ... ..	179,276	156,993	336,269	302	6·72	335,812
December, 1920 ... ..	179,641	157,011	336,652	680	6·72	336,312
Fourth Quarter, 1920	179,641	157,011	336,652	988	6·72	336,158
Year, 1920 ... ..	179 641	157 011	336,652	4,992	6·72	334,001

† Decrease.

§ Number of Males over Females in each 100 of total population.

preceding issue.

*a* Figures revised from

No. 2.—Immigration into and Emigration from Western Australia from 1910.

Period.	Immigration.			Emigration.			Excess of Immigration over Emigration.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1910 ... ..	19,653	11,750	31,403	15,102	9,989	25,091	4,551	1,761	6,312
1915 ... ..	12,464	8,270	20,734	23,039	8,722	31,761	†10,575	†452	†11,027
1916 ... ..	11,591	7,731	19,322	25,355	8,655	34,010	†13,764	†924	†14,688
1917 ... ..	11,557	6,265	17,822	15,110	7,208	22,318	†3,553	†943	†4,496
1918 ... ..	15,753	8,509	24,262	14,831	9,680	24,511	922	†1,171	†249
1919 ... ..	25,494	7,067	32,561	11,193	6,502	17,695	14,301	565	14,866
First quarter, 1920	4,743	2,594	7,337	4,380	3,189	7,569	363	† 595	† 232
Second Quarter, 1920	4,707	3,376	8,083	4,555	3,084	7,639	152	292	444
Third Quarter, 1920 <i>a</i>	4,392	2,803	7,195	4,287	2,690	6,977	105	113	218
October, 1920 ... ..	1,462	984	2,446	1,684	1,195	2,879	†222	†211	†433
November, 1920 ... ..	1,380	801	2,181	1,356	932	2,288	24	†131	†107
December, 1920 ... ..	1,804	1,305	3,109	1,581	1,173	2,754	223	132	355
Fourth Quarter, 1920...	4,646	3,090	7,736	4,621	3,300	7,921	25	†210	†185
Year, 1920 ... ..	18,488	11,863	30,351	17,843	12,263	30,106	645	†400	245

† Excess of emigration over immigration.

*a* Figures revised from preceding issue.

No. 3.—Assisted and Nominated Immigration.

Period.	Adults (12 years and upwards).			Children under 12 years of age.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1910 ... ..	2,105	1,198	3,303	397	349	746	2,502	1,547	4,049
1915 ... ..	139	266	405	88	103	191	227	369	591
1916 ... ..	7	58	65	16	22	38	23	80	103
1917 ... ..	3	19	22	2	4	6	5	21	26
1918 ... ..	4	42	46	10	10	20	14	52	66
1919 ... ..	...	4	4	...	...	...	...	4	4
Jan. to Sept., 1920 <i>a</i> ...	396	366	762	102	82	184	498	448	946
Fourth quarter, 1920 <i>b</i>	164	169	333	48	37	85	212	206	418

*a.* Including 304 males, 192 females, 72 boys, and 41 girls under the Ex-service Scheme.

*b.* Including 145 males, 115 females, 45 boys, and 33 girls under the Ex-service Scheme.

### No. 4.—Number of Marriages, Births, and Deaths registered in Western Australia from 1910.

Period.	Marriages Registered.	Births Registered.			Deaths Registered.			Excess of Births over Deaths.	Annual Birth, Death, and Marriage Rate per 1,000 of Mean Population.		
		M.	F.	Total.	M.	F.	Total.		Birth Rate.	Death Rate.	Marriage Rate.
1910 ... ..	2,107	3,855	3,730	7,585	1,760	980	2,740	4,845	27.99	10.11	7.77
1915 ... ..	2,581	4,578	4,439	9,017	1,887	1,105	2,992	6,025	27.97	9.28	8.01
1916 ... ..	2,365	4,439	4,124	8,563	1,981	1,104	3,085	5,478	27.21	9.80	7.51
1917 ... ..	1,621	4,058	3,824	7,882	1,802	967	2,769	5,113	25.54	8.97	5.25
1918 ... ..	1,612	3,615	3,491	7,106	1,774	1,059	2,833	4,273	22.84	9.11	5.18
1919 ... ..	2,194	3,477	3,460	6,937	2,340	1,250	3,590	3,347	21.44	11.10	6.78
First Quarter, 1920	672	1,029	914	1,943	515	312	827	1,116	23.53	10.02	8.14
Second Quarter, 1920a	745	1,102	998	2,100	570	342	912	1,188	25.34	11.00	9.00
Third Quarter, 1920 a	756	1,123	1,023	2,146	579	297	876	1,270	25.49	10.41	8.98
October, 1920 ...	276	327	318	645	133	68	203	439	22.69	7.25	9.71
November, 1920 ...	220	337	335	672	164	99	263	409	24.41	9.55	7.99
December, 1920 ...	250	333	284	617	191	101	292	325	21.66	10.25	8.78
Fourth Quarter, 1920	746	997	937	1,934	493	268	761	1,173	22.89	9.01	8.83
Year, 1920 ... ..	2,919	4,251	3,872	8,123	2,157	1,219	3,376	4,747	24.32	10.11	8.74

a Figures revised from preceding issue.

## II.—CENSUS OF 1911.

NOTE.—All figures are exclusive of full-blooded aborigines. These, so far as enumerated, numbered 3,433 males, 2,936 females, total, 6,369. This includes only those who were in the employ of whites at date of the Census, or were living in a civilised or semi-civilised condition in the vicinity of settlements of whites at that date.

### No. 5.—Summary of Populations of Local Government Areas in Western Australia on 3rd April, 1911.

Local Government Areas.	Population.		
	Males.	Females.	Total.
Municipalities—			
Metropolitan ... ..	45,676	46,462	92,138
Other ... ..	27,500	24,170	51,670
Total ... ..	73,176	70,632	143,808
Road Districts ... ..	82,543	48,747	131,290
Shipping ... ..	5,846	1,170	7,016
Total for the State ... ..	161,565	120,549	282,114

## III.—FINANCE.

### No. 6.—State Revenue, July to December, 1920.

Particulars.	3 mths. July to Sept.	Oct.	Nov.	Dec.	Particulars.	3 mths. July to Sept.	Oct.	Nov.	Dec.
<b>GOVERNMENTAL.</b>	£	£	£	£	<b>BUSINESS UNDER TAKINGS.</b>	£	£	£	£
<i>Taxation.</i>					Avondale Estate ...	788	...	453	79
Land Tax ... ..	12,064	2,899	3,339	3,037	Bunbury Harbour Bd.	3,000	2,000	2,000	2,000
Income Tax ... ..	33,038	9,627	9,988	8,659	Fremantle Har. Trust	36,765	8,088	18,088	10,588
Dividend Duty ... ..	22,409	12,958	13,439	35,911	Harvey Estate ...	33	...	...	...
Totalisator Tax ... ..	10,806	3,660	4,022	5,528	Railways ... ..	552,064	228,932	249,520	269,737
Stamp Duty ... ..	45,742	13,926	16,100	16,725	State Batteries ...	9,210	6,371	6,534	5,315
Probate Duty ... ..	6,029	2,620	5,621	1,187	Tourist Resorts, etc.	926	863	1,888	1,307
Licenses ... ..	1,078	505	489	16,334	Tramways (Perth)...	47,392	15,502	17,368	19,281
<i>Total ... ..</i>	<i>131,166</i>	<i>46,195</i>	<i>52,998</i>	<i>87,381</i>	Albany Cold Store	157	31	2	17
<i>Territorial.</i>					Aborig. Cattle Stn.	470	111	7	182
Land Revenue ... ..	119,996	14,114	8,236	20,444	Dairy Farm ... ..	553	128	651	93
Mining Revenue ... ..	1,348	701	332	816	Refrigerating Works	587	160	719	316
Timber ... ..	17,233	5,635	6,508	4,982	Kalgoorlie Abattoirs	745	388	637	476
<i>Total ... ..</i>	<i>138,577</i>	<i>20,450</i>	<i>15,076</i>	<i>26,242</i>	Met. Abattoirs, etc.	3,798	1,897	1,892	2,308
Law Courts ... ..	5,173	2,090	2,078	2,256	City Markets ... ..	203	91	314	154
Reimbursements, ...	...	...	...	...	Water Supply, etc.	51,398	32,944	37,774	43,476
Fees, etc. ... ..	90,379	23,619	60,178	204,325	Hydraulic Works ...	4,635	2,396	1,486	1,923
Royal Mint ... ..	3,000	3,555	1,400	2,560	Yandanooka Estate	443	70	618	98
<i>Commonwealth.</i>					Electric Supply ...	16,119	8,818	5,528	7,389
Surplus Revenue ... ..	142,377	47,459	47,459	47,459	Butter and Bacon ...	3,716	1,913	3,988	7,019
Interest on Transferred Property...	...	...	...	...	Factories ... ..	...	...	...	...
<i>TOTAL ... ..</i>	<i>510,672</i>	<i>143,368</i>	<i>179,189</i>	<i>370,223</i>	Balance transferred†	...	3,319	1,500	...
					Recoups † ... ..	1,732	...	20,117	52,373
					<b>TOTAL ... ..</b>	<b>734,734</b>	<b>314,022</b>	<b>371,084</b>	<b>424,131</b>
					<b>GRAND TOTAL</b>	<b>1,245,406</b>	<b>457,390</b>	<b>550,273</b>	<b>794,354</b>

† State Trading Concerns.

## No. 7.—State Expenditure, July to December, 1920.

Particulars.	3 mths. July to Sept.	Oct.	Nov.	Dec.	Particulars.	3 mths. July to Sept.	Oct.	Nov.	Dec.
<i>Establishments.</i>	£	£	£	£	<i>Special Acts.</i>	£	£	£	£
H. E. the Governor ...	518	159	164	119	Constitution Act ...	2,725	908	908	908
Ex. Council ...	1	...	63	...	Loan Acts ...	559,252	186,338	186,463	178,876
Leg. Council ...	159	163	...	73	Aborigines ...	3,689	2,300	2,200	1,811
Leg. Assembly ...	501	158	168	196	Annuities ...	63	21	21	67
House Committee ...	1,218	422	495	409	Auditor General ...	200	67	67	21
Printing Committee ...	723	292	279	321	Com. of Railways ...	500	167	166	167
Library Committee ...	103	29	36	58	Comwth. Pensions ...	426	217	227	218
Total ...	3,223	1,223	1,205	1,176	Constr. of Forests ...	225	75	75	75
<i>Departments, etc.</i>					Forests Act, Trans- fer from Revenue ...	8,281	...	...	7,996
Premier's Office ...	2,769	4,727	1,623	5,545	Arbitration ...	225	67	84	67
London Agency ...	2,616	848	1,445	862	Judges' Pensions ...	253	83	83	83
P.S. Commissioner ...	728	274	270	387	Judges Salaries ...	1,774	592	592	591
Motor Cars ...	2,065	603	292	79	Land Improvement ...	...	...	...	...
Lithographic ...	93	...	...	...	Parlmty. Allowances ...	7,981	2,675	2,661	2,660
Printing ...	12,330	11,749	6,864	8,339	Pensions, etc. ...	4,532	2,203	2,027	2,183
Public Gardens ...	406	186	240	220	P.S. Commissioner ...	213	71	71	71
Lands and Surveys ...	15,911	6,654	6,382	8,271	Royal Mint ...	6,249	2,083	2,083	2,083
Soldiers' Settlement ...	1,445	2	849	302	Tramway Purchase ...	...	...	...	...
Agr. Industries, etc. ...	3,000	1,000	1,000	1,000	W.A. University ...	3,375	1,125	1,125	1,875
Treasury ...	2,561	836	883	1,247	Total ...	599,963	198,992	198,853	199,752
Audit ...	2,181	971	929	1,581	<i>Business Und'tks.</i>				
Allowances ...	277	1,351	43	1,038	Ab. Cattle Stn. ...	3,525	452	411	668
Stores ...	3,033	1,335	1,218	1,492	Alb. Cold Stores ...	124	49	8	4
Lit. and Scientific ...	2,137	713	712	712	Avondale, Harvey ...	183	106	79	451
Taxation ...	6,645	2,863	2,681	3,140	Butter Factories ...	3,168	2,835	4,299	4,435
Miscellaneous ...	24,024	2,606	2,150	2,426	Electric Supply ...	12,515	3,891	6,150	9,575
Education ...	98,113	39,458	40,399	45,754	Glds. Water Supply ...	18,181	6,694	8,926	8,827
Medical and Health ...	46,199	14,894	18,731	17,890	Refrigerating Wks. ...	819	387	305	364
Agricultural ...	10,997	5,072	5,121	4,799	Kalg. Abattoirs ...	529	171	277	338
Works and Buildings ...	14,816	8,720	8,741	6,811	Metr. Abatt., etc. ...	2,064	706	1,228	950
Mines ...	16,358	5,710	6,198	6,940	Metr. Water S. etc. ...	12,871	6,735	4,457	22,415
Woods and Forests ...	3,081	1,140	1,299	1,839	Hydraulic Works ...	5,292	4,484	4,027	1,949
Police ...	44,537	14,310	13,791	12,632	City Markets ...	294	93	33	148
Crown Law ...	15,370	6,393	6,598	8,753	Railways ...	417,484	182,757	338,083	195,889
Col. Sec. Office ...	2,819	1,378	956	1,293	State Batteries ...	12,307	6,015	7,011	4,965
Aborigines ...	...	...	...	189	Dairy Farm ...	1,041	303	288	272
Fisheries ...	1,309	490	390	471	Trading Concerns ...	...	...	...	...
Registry and F. Soc. ...	2,382	752	875	1,400	Tourist Resorts ...	949	678	1,122	1,741
Gaols ...	6,501	1,881	2,331	2,045	Tramways ...	31,005	13,940	18,778	13,433
Harb. and Light ...	4,626	2,164	1,277	2,240	Yandanooka ...	813	152	162	1,903
Immigration ...	274	142	144	255	Total ...	523,164	230,448	395,644	268,327
Inspector Liquors ...	167	101	87	341	Department of the North-West ...	...	...	...	45
Labour Bureau ...	538	310	272	110	GRAND TOTAL ...	1,511,219	586,118	743,406	635,043
Lunacy ...	20,813	9,211	7,035	8,421					
Observatory ...	472	136	140	196					
State Children ...	20,008	6,475	5,738	6,887					
Total ...	384,869	155,455	147,704	165,743					

## No. 8.—State Trading Concerns, July to December, 1920.

Name of Concern.	DEBITS.				CREDITS.			
	3 mths. July to Sept.	Oct.	Nov.	Dec.	3 mths. July to Sept.	Oct.	Nov.	Dec.
	£	£	£	£	£	£	£	£
Brickworks ...	5,307	1,529	1,371	3,077	5,298	1,816	1,110	2,079
Ferries ...	2,406	503	2,022	1,122	1,941	289	1,107	861
Hotels ...	14,487	3,342	5,874	4,770	11,732	5,321	5,742	5,639
Imp. and Eng. Works ...	49,432	17,655	37,437	27,696	24,773	11,390	15,199	14,269
Quarry, Boya ...	1,792	624	817	1,051	1,200	828	425	1,002
Saw Mills ...	108,219	47,269	54,304	69,963	112,691	41,347	29,963	70,808
Shipping Service ...	64,045	9,647	33,158	29,554	71,900	14,143	18,209	13,810
Wyndham Freezing Wks. ...	188,360	16,573	74,952	61,465	72,349	5,939	95,294	5,494
TOTAL ...	434,048	97,142	209,935	198,698	301,884	81,073	167,049	113,962

No. 9.—Summary of State Revenue, 1st July, 1910, to 31st December, 1920.

Period.	Collected by the State.					From Common- wealth Funds.	‡ Total State Revenue.	Mean Popula- tion.	Revenue ‡ Per head of Popu- lation.
	Taxation.	Land, Timber, and Mining.	Business Concerns.		Other Sources.				
			*Railways.	‡ Other.					
1910-11 ...	£ 325,247	£ 401,124	£ 1,858,914	£ 409,293	£ 286,284	£ 569,578	£ 3,850,440		£ 13·848
1915-16 ...	407,957	381,445	2,217,250	1,320,500	413,722	616,104	5,356,978	319,231	16·846
1916-17 ...	402,337	330,148	2,004,148	759,200	486,707	594,467	4,577,007	310,684	14·732
1917-18 ...	449,456	315,907	1,970,333	800,924	486,677	599,239	4,622,536	309,367	14·942
1918-19 ...	629,060	344,436	2,012,811	840,549	532,326	585,668	4,944,850	315,079	15·694
1919-20 ...	844,196	408,800	2,463,136	894,407	654,689	598,273	5,863,501	330,946	17·717
July to Dec.	317,740	200,345	1,399,796	444,175	400,613	284,754	3,047,423	335,539	9·082

\* Including Perth Electric Tramways from 1st July, 1913.

‡ The figures for 1916-17 and following periods are not comparable with those for previous years, before the operation of the State Trading Concerns Act.

No. 10.—Summary of State Expenditure, from 1st July, 1910, to 31st December, 1920.

Period.	Interest and Sinking Funds, Public Debt.	Lands, Surveys, Forests, and Mines.	Business Concerns.		Educa-tion.	All other.	† Total State Expendi-ture.	‡ Per head of Popu-lation.	Debit Balance at end of period.
			* Rail-ways.	‡ Other.					
1910-11 ...	£ 1,046,236	£ 157,424	£ 1,237,620	£ 174,101	£ 203,176	£ 915,891	£ 3,734,448	£ 13·431	£ 13,299
1915-16 ...	1,664,137	116,824	1,602,400	1,038,152	331,156	952,532	5,705,201	17·937	1,360,965
1916-17 ...	1,765,839	121,071	1,546,450	410,094	347,632	1,085,678	5,276,764	16·979	12,060,722
1917-18 ...	1,875,198	117,575	1,559,579	368,751	367,292	1,039,884	5,328,279	17·223	2,766,465
1918-19 ...	1,972,803	112,878	1,679,812	385,558	366,054	1,079,760	5,596,865	17·763	3,418,480
1919-20 ...	2,062,035	136,736	2,158,851	432,530	414,330	1,332,243	6,531,725	19·737	4,086,705
July to Dec.	1,110,929	82,381	1,211,369	206,214	216,992	647,901	3,475,786	10·359	4,515,069

\* Including Perth Electric Tramways from 1st July, 1913.

‡ See note ‡ to foregoing Table.

‡ Includes £4,086,705 transferred to Deficiency Account.

No. 11.—Public Debt, 1911 to 1920 ; also Indebtedness per head of Estimated Population.

Date.	Amount outstanding.				Average nominal interest payable.	Accrued Sinking Fund on 31st March.	Net Indebtedness (Approximate).	
	Debentures.	Inscribed Stock.	Treasury Bills and Bonds, etc.	Total.			Amount.	Per head of Population.
30th June—1911	£ 396,800	£ 22,596,153	£ 711,000	£ 23,703,953	% 3·42	£ 2,544,812	£ 21,159,141	£ 73·514
1916	359,300	34,097,751	4,682,625	39,139,676	3·67	4,528,432	34,611,244	109·986
1917	1,147,410	33,866,076	5,901,340	40,914,826	3·77	5,035,963	35,878,863	116·167
1918	1,153,110	33,866,076	7,284,815	42,304,001	3·82	5,570,851	36,733,150	118·067
1919	1,181,255	34,007,326	8,448,495	43,637,076	3·86	6,139,008	37,498,068	116·014
1920a	1,229,455	35,856,576	9,735,972	46,822,003	3·90	6,827,878	39,994,125	119·680

a. Figures corrected from preceding issue.

No. 12.—Transactions of Commonwealth Savings Bank in Western Australia from 13th January, 1913.

Period.	* Amount deposited during period.	* Amount withdrawn during period.	Excess of Deposits over Withdrawals.	Number of Accounts.			Due to Depositors at end of period.‡	Average to credit of each account.	Average per head of population.
				Opened.	Closed.	Remain- ing open.			
1913 † ... ..	£ 148,715	£ 33,343	£ 115,372	No. 4,398	No. 284	No. 4,114	£ 112,359	£ 27·311	£ 0·358
1915-1916 ... ..	762,942	521,002	241,940	9,523	2,870	23,542	726,419	30·856	2·308
1916-1917 ... ..	973,519	667,375	306,144	10,030	3,410	30,162	1,025,661	34·005	3·324
1917-1918 ... ..	1,160,924	921,520	239,404	8,401	3,262	35,301	1,254,694	35·543	4·033
1918-1919 ... ..	1,770,002	1,499,997	270,005	11,591	5,019	41,873	1,509,328	36·045	4·670
1919-1920 ... ..	2,173,634	2,188,335	14,701	14,169	8,580	47,462	1,473,301	31·042	4·409
Sept. Quarter, 1920...	730,388	581,639	148,749	4,140	1,913	49,689	1,614,551	32·493	4·810

\* Exclusive of transfers from and to other States of the Commonwealth, but including interest on accounts closed.

† 13th January to 30th June.

‡ Inclusive of Accrued Interest.



## No. 13.—Transactions of the Government Savings Bank from 1910.

Period.	Amount deposited.	Amount with-drawn.	Interest.	Number of Accounts.			Due to Depositors.†	Average per Account.	* Average per head of population.
				Opened.	Closed.	Remain-ing open			
1910-11 .. ..	£ 3,170,345	£ 2,667,377	£ 104,858	No. 22,909	No. 12,821	No. 87,569	£ 4,080,084	£ 46.590	£ 14.204
1915-16 .. ..	3,640,874	3,828,187	146,339	18,031	15,331	109,934	4,577,428	41.638	14.640
1916-17 .. ..	3,523,851	3,471,959	151,414	17,226	12,146	115,014	4,780,734	41.567	15.609
1917-18 .. ..	3,606,075	3,549,293	160,250	15,587	11,544	119,057	4,997,766	41.978	16.184
1918-19 .. ..	4,415,732	4,128,161	167,391	17,428	11,115	125,370	5,153,922 <sup>a</sup>	43.503	16.995
1919-20 .. ..	6,045,930	5,936,575	176,946	21,445	15,452	131,363	5,739,029	43.688	17.310
6 months ended 31st December, 1920 ..	3,241,432	3,264,779	†3,813	10,372	7,000	134,735	5,714,750 <sup>a</sup>	42.415	17.118

## § SCHOOLS SAVINGS BANK.

1910-11 .. ..	6,779	3,634	124	4,396	1,599	9,578	8,719	0.912	**0.258
1915-16 .. ..	13,967	11,202	676	5,066	2,770	22,982	29,616	1.287	**0.646
1916-17 .. ..	18,785	13,987	802	5,775	2,726	26,031	35,216	1.353	**0.736
1917-18 .. ..	20,583	19,165	934	5,339	3,588	27,782	37,568	1.352	**0.793
1918-19 .. ..	19,962	19,256	950	4,846	3,287	29,341	39,224	1.337	**0.816
1919-20 .. ..	24,689	19,449	1,046	6,766	3,417	32,690	45,510	1.392	**0.917
6 months ended 31st December, 1920 ..	13,768	11,393	†20	2,268	1,746	33,212	47,905	1.442	**1.000

\* Including Schools Savings Bank Deposits. † Interest on those accounts only which were closed during the period.

§ Worked in connection with Government Savings Bank.

|| Exclusive of accrued interest from 1st July,

1920. \*\* Per head of number of school children on the Roll.

<sup>a</sup> Inclusive of amount at credit of Transfer

Account.

## No. 14.—Averages from 1910 of the Weekly Statements of Liabilities and Assets of the Cheque-paying Banks (formerly Banks of Issue) operating in Western Australia.

(Total Clearances, Perth Banks, 1920, 1st January to 27th December, £79,626,183, as compared with £56,245,277 for corresponding period 1919; 1921, January 1st to 31st, £4,878,474, as compared with £7,193,497 for 1920, January 1st to February 2nd.

Period.				No. of Banks.	Liabilities.							
					Notes in Circulation.	Bills in Circulation.	Balances due to other Banks.	Deposits.			Total Average Liabilities.	
								Not bearing Interest.	Bearing Interest.	Total.		
1910	..	..	..	6	£ 347,499	£ 54,662	£ 117,836	£ 3,319,683	£ 2,994,066	£ 6,313,749	£ 6,833,746	
1915	..	..	..	8	28,248	72,028	323,781	3,857,557	3,757,174	7,614,731	8,038,788	
1916	..	..	..	8	27,632	67,283	294,492	4,080,959	3,968,365	8,049,324	8,438,731	
1917	..	..	..	8	27,147	51,346	254,907	4,283,180	4,305,954	8,589,134	8,922,534	
1918	..	..	..	8	26,892	57,381	311,077	4,769,038	4,918,105	9,687,143	10,082,493	
1919	..	..	..	8	26,624	51,836	342,229	5,660,930	5,141,922	10,802,852	11,223,541	
1920, 1st Quarter	..	..	..	8	26,563	104,842	342,025	6,902,861	5,131,372	12,034,233	12,507,663	
1920, 2nd Quarter	..	..	..	8	26,498	103,472	339,738	7,226,636	5,275,841	12,502,477	12,972,185	
1920, 3rd Quarter	..	..	..	8	26,444	94,749	348,545	6,899,448	5,545,955	12,445,403	12,915,141	
1920, 4th Quarter	..	..	..	8	26,425	93,615	321,626	6,728,889	5,772,277	12,501,166	12,942,832	
Assets.												
Period.				Coin'd Gold, Silver, and other metals.	Gold and Silver in Bullion and Bars.	Government, Municipal, and Public Securities.	Landed Property and Bank Premises.	Australian Notes.	Notes and Bills of other Banks.	Balances due from other Banks.	Notes and Bills discounted, and other Debts.	Total Average Assets.
1910	..	..	..	£ 2,555,236	£ 578,389	£ 161,697	£ 198,667	£ *	£ 59,496	£ 90,085	£ 6,114,140	£ 8,757,710
1915	...	...	...	3,255,181	543,962	569,113	217,054	1,400,727	106,505	550,502	8,709,231	15,352,275
1916	...	...	...	3,079,893	434,706	696,327	227,868	1,382,616	109,923	490,926	9,317,390	15,739,649
1917	...	...	...	1,254,261	393,089	624,532	230,233	1,568,869	118,979	537,700	9,142,638	18,870,301
1918	...	...	...	1,015,353	311,371	635,254	226,056	1,550,282	123,067	573,677	9,584,812	14,019,872
1919	...	...	...	1,317,340	219,404	658,996	228,687	1,896,536	139,812	547,236	10,414,298	15,422,309
1920 1st qr.	...	...	...	1,123,230	143,927	670,441	229,613	2,481,775	164,358	603,951	9,975,125	15,392,470
1920, 2nd qr.	...	...	...	1,210,654	191,621	755,980	226,085	2,265,399	162,349	652,835	10,740,654	16,205,577
1920, 3rd qr.	...	...	...	1,318,828	183,721	788,029	221,702	2,121,104	148,045	588,406	11,171,936	16,541,771
1920, 4th qr.	...	...	...	1,269,832	187,572	795,008	223,131	2,073,171	148,390	521,800	11,299,567	16,518,471

\* Included in next column.

## IV.—SHIPPING.

**No. 15.—Number and Tonnage of Vessels (including Vessels trading only within the State) entered and cleared at the Various Ports of Western Australia during the undermentioned period.**

### INWARD.

Ports.	Three Months ended 30 <sup>h</sup> September, 1920.				Three Months ended 30th September, 1920.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	No.	No.	No.	No.	Tons.	Tons.	Tons.	Tons.
Fremantle ... ..	49	76	13	138	167,655	294,133	26,443	488,231
Albany ... ..	6	12	6	24	28,798	30,576	10,623	69,997
Bunbury ... ..	7	1	19	27	20,801	1,246	34,114	56,161
Geraldton ... ..	1	3	12	16	1,406	8,946	8,031	18,383
Broome ... ..	5	2	9	16	8,426	3,688	15,383	27,497
Carnarvon ... ..	5	2	18	25	8,426	3,688	23,395	35,509
Onslow ... ..	4	2	11	17	6,765	3,688	18,751	29,204
Point Samson ... ..	4	2	15	21	6,765	3,688	24,808	35,261
Port Hedland ... ..	3	2	11	16	5,031	3,688	17,393	26,112
Derby ... ..	4	2	13	19	6,692	3,688	22,101	32,481
Other Ports ... ..	...	2	6	8	...	5,860	5,142	11,002

### OUTWARD.

Ports.	Three Months ended 30th September, 1920.				Three Months ended 30th September, 1920.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	No.	No.	No.	No.	Tons.	Tons.	Tons.	Tons.
Fremantle ... ..	79	51	13	143	237,747	216,156	25,637	479,540
Albany ... ..	6	9	8	23	18,485	36,527	12,114	67,126
Bunbury ... ..	6	11	8	25	15,624	24,304	11,088	51,016
Geraldton ... ..	2	1	13	16	6,919	1,844	8,355	17,118
Broome ... ..	5	1	10	16	8,328	1,844	17,326	27,498
Carnarvon ... ..	5	1	17	23	8,328	1,844	25,208	35,380
Onslow ... ..	5	1	11	17	8,328	1,844	19,034	29,206
Point Samson ... ..	5	1	15	21	8,328	1,844	25,091	35,263
Port Hedland ... ..	4	1	10	15	6,692	1,844	17,059	25,595
Derby ... ..	5	1	17	23	8,328	1,844	29,193	39,365
Other Ports ... ..	1	1	6	8	4,016	1,844	7,148	13,008

**No. 16.—Number and Tonnage of Vessels entered and cleared at Western Australian Ports from and to Ports outside the State during the undermentioned periods.**

Year.	Inwards.		Outwards.		Inwards and Outwards.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
1911 ... ..	778	2,559,670	781	2,566,090	1,559	5,125,760
1915-16 † ... ..	685	2,491,537	689	2,492,875	1,374	4,984,412
1916-17 ... ..	728	2,548,339	731	2,557,986	1,459	5,106,325
1917-18 ... ..	312	1,094,000	315	1,102,295	627	2,196,295
1918-19 * ... ..	637	2,122,439	636	2,111,894	1,273	4,234,333
1919-20 ... ..	729	2,658,879	733	2,672,524	1,462	5,331,403

\*Amended since previous issue.

†Year ended 30th June.

## V.—CUSTOMS AND EXCISE COLLECTIONS.

**No. 17.—Gross Customs and Excise Collections in Western Australia during the undermentioned periods.**

Stations.	Year ended 30th June, 1920.			Six Months ended 31st December, 1920.		
	Customs.	Excise.	Total.	Customs.	Excise.	Total.
	£	£	£	£	£	£
Fremantle... ..	298,935	113,961	412,896	238,690	73,297	311,987
Albany ... ..	6,117	4,454	10,571	3,693	3,249	6,942
Bunbury ... ..	896	39	935	983	154	1,137
Broome ... ..	15,982	18	16,000	7,180	...	7,180
Carnarvon ... ..	1,123	...	1,123	1,009	...	1,009
Roebourne ... ..	447	...	447	357	...	357
Derby ... ..	81	289	370	8	367	375
Geraldton ... ..	5,196	5,294	10,490	3,279	3,104	6,383
Onslow ... ..	122	2	124	54	...	54
Perth ... ..	324,952	275,329	600,281	305,581	197,065	502,646
Port Hedland ... ..	527	336	863	357	...	357
Wyndham ... ..	972	...	972	934	29	963
<b>Total ... ..</b>	<b>655,350</b>	<b>399,722</b>	<b>1,055,072</b>	<b>562,125</b>	<b>277,265</b>	<b>839,390</b>

## VI.—TRADE.

No. 18.—Value of Imports into Western Australia during the undermentioned periods.

Imports from.	1911.	†1915-16.	†1916-17.	1917-18.	†1918-19. *	†1919-20.
United Kingdom ... ..	£ 2,761,472	£ 2,292,187	£ 2,598,834	£ 1,112,995	£ 1,414,314	£ 2,250,268
Other States of Commonwealth	4,160,569	4,813,891	4,998,623	5,143,962	4,883,476	7,409,269
New Zealand ... ..	23,191	26,727	41,824	18,214	11,750	5,777
Other British Possessions ...	460,214	847,233	702,896	647,173	724,577	904,343
Total, British ... ..	7,405,446	7,980,038	8,342,177	6,922,344	7,064,117	10,569,657
Foreign Countries ... ..	1,240,492	1,002,962	1,042,833	726,889	959,873	1,798,674
Grand Total ... ..	8,645,938	8,983,000	9,385,010	7,649,233	8,023,990	12,368,331
Value of Imports per head of Mean Population ... ..	30.145	28.137	30.207	24.725	25.466	37.373

\*Amended since previous issue.

†Year ended 30th June.

No. 19.—Value of Exports from Western Australia during the undermentioned periods.

Exports to.	1911.	†1915-16.	†1916-17.	†1917-18.	†1918-19.	†1919-20. *
United Kingdom ... ..	£ 2,515,396	£ 2,510,366	£ 2,809,700	£ 1,129,992	£ 7,045,299	£ 6,668,829
Other States of Commonwealth	1,293,051	3,355,493	9,743,865	1,391,439	1,161,526	1,184,872
New Zealand ... ..	99,048	14,288	17,769	8,946	1,195	27,036
Other British Possessions ...	5,677,660	1,594,825	1,174,117	2,562,868	1,994,732	4,501,963
Total, British ... ..	9,585,155	7,474,972	13,745,451	5,093,245	10,202,752	12,382,700
Foreign Countries ... ..	879,094	264,974	643,982	558,480	401,595	2,500,570
Ships' Stores ... ..	142,614	300,538	293,594	155,610	318,328	413,520
Grand Total ... ..	10,606,863	8,040,484	14,683,027	5,807,335	10,922,675	15,323,790
Value of Exports per head of Mean Population ... ..	36.128	25.187	47.260	18.771	34.666	46.303

\*Amended since previous issue.

†Year ended 30th June.

No. 20.—Total Value of Imports into and Exports from the State of Western Australia from and to the other States of the Commonwealth during the undermentioned periods.

Origin.	New South Wales.	Victoria.	Queens- land.	South Australia.	Tasmania.	Northern Territory.	Total.
	£	£	£	£	£	£	£
IMPORTS—YEAR ENDED 30TH JUNE, 1920.							
Australian ... ..	2,076,927	2,830,849	65,149	722,931	99,035	1,760	5,796,651
Oversea ... ..	526,749	907,639	2,468	173,739	2,023	...	1,612,618
Total ... ..	2,603,676	3,738,488	67,617	896,670	101,058	1,760	7,409,269
EXPORTS—YEAR ENDED 31TH JUNE, 1920.*							
West Australian ... ..	562,500	222,458	478	102,334	16,786	19,243	923,799
Other Australian ... ..	23,680	36,386	627	34,020	145	521	95,379
Oversea ... ..	54,545	58,906	1,516	49,754	755	218	165,694
Total ... ..	640,725	317,750	2,621	186,108	17,686	19,982	1,184,872
IMPORTS—SIX MONTHS ENDED 31ST DECEMBER, 1920.							
Australian ... ..	1,186,157	1,817,903	77,587	480,369	44,897	13,958	3,620,871
Oversea ... ..	254,588	380,069	4,452	86,114	48	...	725,271
Total ... ..	1,440,745	2,197,972	82,039	566,483	45,945	13,958	4,346,142
EXPORTS—SIX MONTHS ENDED 31ST DECEMBER, 1920.							
West Australian ... ..	327,054	90,306	837	143,166	5,784	61	567,208
Other Australian ... ..	18,189	32,346	1,584	12,739	20	...	64,878
Oversea ... ..	43,748	48,471	640	22,632	1,827	...	117,318
Total ... ..	388,991	171,123	3,061	178,537	7,631	61	749,404

\*Amended since previous issue.



No. 21.—Value of Imports into Western Australia during the undermentioned periods, distinguishing the more important articles or group of articles.

Articles.	1911.	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
	£	£	£	£	£	£
Coin and Bullion ... ..	27,691	6,808	2,800	31,550	152	9,404
Meat and Fish (fresh and preserved) ... ..	227,178	143,296	134,458	76,612	45,235	180,374
Spirits, Beer, and Wine ... ..	303,610	166,425	240,431	187,555	233,113	268,367
Tobacco, Cigars, and Cigarettes ... ..	257,475	276,329	276,843	246,939	384,695	588,765
Live Cattle, Sheep, Horses, and Pigs ... ..	214,321	72,573	66,734	32,358	44,947	106,482
Bacon, Hams, Tongues, Butter, Cheese, Eggs, and Tinned Milk ... ..	719,556	846,943	776,016	755,600	685,035	884,221
Sugar ... ..	178,094	286,963	355,082	344,952	354,369	438,161
Wearing Apparel, Drapery, Piece Goods, Hats and Bonnets, Blankets, Boots and Shoes, Sewing Silks and Cottons ... ..	1,410,210	1,542,903	1,807,507	1,577,264	1,759,804	3,222,301
Timber, Cement, and Furniture ... ..	310,792	165,932	158,278	145,102	130,442	333,762
Ammunition and Explosives ... ..	180,845	166,177	288,145	72,985	160,979	166,060
Oils ... ..	152,016	190,141	274,875	233,484	311,337	351,754
Machines, Machinery, Pumps, Apparatus for raising water, and Tools ... ..	699,461	668,358	500,307	355,865	369,420	614,380
Iron, Steel, Ironmongery, Metal and Metalware, Cutlery, Hardware, Nails, Screws, etc. ... ..	1,062,996	873,804	730,787	644,138	601,387	1,130,027
Wheat, Flour, Oats, Oatmeal, Malt, Bran and Pollard, Potatoes and Onions ... ..	265,889	311,823	121,477	142,817	107,291	203,580
Jams, Jellies, and Fruits ... ..	189,283	236,803	160,416	191,971	110,471	348,481
Tea ... ..	112,368	151,377	150,047	136,839	150,981	312,547
Coal and Coke ... ..	144,726	173,538	171,771	110,092	142,992	216,953
Paper, Books, and Stationery ... ..	218,767	262,681	338,843	227,328	233,591	359,442
Cyanide ... ..	148,052	138,050	122,680	92,209	94,923	45,103
Jewellery, Clocks and Watches, and Fancy Goods ... ..	150,715	100,392	100,556	101,959	92,855	123,094
Drugs, Chemicals, and Medicines ... ..	164,861	261,913	325,387	278,611	246,220	238,267
All other Articles ... ..	1,507,032	1,939,771	2,281,570	1,663,003	1,763,751	2,226,806
Total ... ..	8,645,938	8,983,000	9,385,010	7,649,233	8,023,990	12,368,331

No. 22.—Value of the more important Products of Western Australia exported, and of the total Exports, also of the total production of Coal, during the undermentioned periods.

Articles.	1911.	Year ended 30th June, 1916.	Year ended 30th June, 1917.	Year ended 30th June, 1918.	Year ended 30th June, 1919.	Year ended 30th June, 1920. <sup>b</sup>	Six months ended 31st Dec., 1920.
Gold Specie (including Exports of Local Gold coined at Perth Mint)* ... ..	£ 5,666,790	2,389,229	9,120,061	2,200,000	4,995,204	2,462,143	1,176,400
Principal Articles of Export, being the produce of Western Australia—							
† Uncoined Gold ... ..	£ 1,353,177	856,198	58,500	62,703	40,562	214,685	5,942
Wool ... { Quantity ... lb. 25,157,193	29,103,454	24,405,283	10,632,022	29,644,556	59,600,535	21,272,309	
Value ... ..	£ 925,450	1,273,183	1,420,291	535,819	1,952,141	3,937,106	1,330,949
Timber ... ..	£ 986,341	442,014	310,983	274,280	332,980	465,734	578,953
Hides and Skins ... ..	£ 173,340	251,822	222,506	203,738	271,951	623,029	286,148
Pearls and Shell ... ..	£ 340,764	162,597	208,486	174,050	176,125	431,825	1205,072
Sandalwood ... ..	£ 65,506	61,381	72,669	81,834	117,072	240,579	148,794
Mallet Bark ... ..	£ 83,470	10,208	18,959	16,886	18,875	22,121	13,022
Copper (Ingots, Ore, and Matte) ... ..	£ 78,118	67,082	86,382	60,412	35,145	13,783	17,566
Tin, Dressed and Ingot ... ..	£ 55,220	46,183	56,519	55,132	55,850	64,401	18,712
Silver (Bar, Ingots, etc.) ... ..	£ 18,333	20,876	26,785	37,171	37,691	49,289	47,741
Wheat ... { Quantity ... Centals 1,338,836	2,358,540	4,221,757	1,016,362	990,723	5,490,675	1,300,911	
Value ... ..	£ 386,922	1,023,362	1,619,630	437,709	399,986	2,541,698	1,158,117
Flour ... { Quantity ... Centals 145,402	345,947	759,439	1,161,371	2,109,266	2,589,815	382,110	
Value ... ..	£ 54,565	213,991	424,361	693,577	1,294,482	2,526,620	363,346
Mutton and Lamb ... ..	£ ...	802	...	1,969	2,123	...	499
Fruit ... { Quantity ... Centals 12,556	17,687	79,797	30,697	37,489	86,097	11,304	
Value ... ..	£ a 16,103	22,236	82,014	35,689	57,021	150,087	17,983
All other Articles ... ..	£ 402,764	1,199,320	954,881	936,366	1,135,467	1,553,690	1,210,169
Total Exports ... ..	£ 10,606,863	8,040,484	14,683,027	5,807,335	10,922,675	15,296,790	6,579,413
Coal produced { Quantity ... Tons 249,899	289,246	326,341	331,378	358,769	429,833	242,826	
Value ... ..	£ 111,154	140,338	182,852	192,248	21,926	311,731	190,822

\* The exact amount, being Western Australian mintage, cannot be ascertained with any accuracy. † For TOTAL PRODUCTION OF GOLD see Table No. 31, p. 24. ‡ Exclusive of pearls. § The exports of the principal articles of mineral production may be taken as representing the bulk of the output. Coal, however, is at present principally used for local purposes. a Includes £532 Ships' Stores, for which no quantity is given. b Amended since previous issue.

No. 23.—Principal Exports, Oversea and Interstate, during the Six Months ended 31st December, 1920.

Articles.	OVERSEA.				INTERSTATE.						Total.	
	Quantity.		Value.		Quantity.			Value.			Quantity.	Value.
	Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.	West Australian Origin.	Other Australian Origin.	Oversea Origin.	West Australian Origin.	Other Australian Origin.	Oversea Origin.		
I.—FOODSTUFFS OF ANIMAL ORIGIN.												
Butter	2,301	...	£ 235	£ ...	...	...	...	£ ...	£ ...	£ ...	2,301	235
Butter Substitutes	1,455	...	61	...	560	8,512	...	50	558	...	10,527	669
Cheese	45	...	6	...	...	1,678	...	...	111	...	1,723	117
Eggs in Shell	...	...	...	...	23,681	...	...	2,161	...	...	23,681	2,161
" Pulp	...	...	...	...	...	1,920	...	...	144	...	1,920	144
Fish, all kinds	...	...	643	946	...	...	...	...	...	646	...	2,235
Honey	...	...	...	...	...	...	...	...	...	...	...	...
Meats—Bacon and Ham	10,594	...	1,038	...	81,129	170	...	5,842	6	...	91,893	6,868
Preserved by Cold Process—												
Beef	2,858,249	...	64,466	...	6,000	...	...	113	...	...	2,864,249	64,579
Lamb and Mutton	...	...	...	...	...	...	...	...	...	...	...	...
Pork	...	...	...	...	43,757	...	...	2,318	...	...	43,757	2,318
Other	...	...	...	...	...	...	...	...	...	...	...	...
Preserved in tins	7,836	...	499	...	...	...	...	...	...	...	7,836	499
Sausage Casings	...	...	1,694	...	...	...	...	1,532	275	...	...	3,501
Pork, Salt, and Meat, N.E.I.	204	...	1,033	...	...	...	...	...	...	...	204	1,033
Milk and Cream, in Powdered Form	975	...	63	...	...	...	...	...	...	...	975	63
" Condensed	...	...	...	...	...	72,900	...	...	4,385	...	72,900	4,385
II.—FOODSTUFFS OF VEGETABLE ORIGIN.												
Biscuits	51,807	...	2,843	...	60,879	...	...	4,801	...	...	112,686	7,644
Confectionery	65,623	...	4,819	...	56,734	...	1,141	4,246	...	160	123,498	9,225
Hay and Chaff	4,009	...	1,597	...	190,004	...	...	91,174	...	...	194,013	92,771
Oilcake, including Linseed Cake	...	...	...	...	...	...	...	...	...	...	...	...
Fruits, Dried—Currants	178,572	...	6,986	...	1,792	...	...	49	...	...	180,364	7,035
Dates	...	...	...	...	...	...	...	...	...	...	...	...
Raisins	173,670	...	7,317	...	14,786	...	...	643	...	...	188,456	7,960
Other	366,985	...	9,643	...	3,239	28	...	148	3	...	370,252	9,794
Fresh—Apples	8,222	...	12,223	...	1,186	...	...	2,188	...	...	9,408	14,411
Citrus	680	...	1,090	...	401	...	...	502	...	...	1,081	1,592
Other	170	...	810	...	...	...	...	...	...	...	170	810
Fruit and Vegetables, in Liquid	...	...	61	...	...	...	...	...	...	...	...	61
Grain and Pulse—Barley	2,894	...	2,039	...	...	...	...	...	...	...	2,894	2,039
Beans and Peas	22	...	38	...	...	...	...	...	...	...	22	38
Oats	1,638	...	1,071	...	44,302	...	...	20,851	...	...	45,940	21,922
Wheat	1,299,962	...	1,157,421	...	949	...	...	696	...	...	1,300,911	1,158,117
Other, Unprepared	...	...	...	...	...	...	...	...	...	...	...	...
Bran and Pollard	913	...	493	...	20,245	...	...	8,811	...	...	21,158	9,304
Flour	381,206	...	362,304	...	...	...	...	...	...	...	381,206	362,304
Oatmeal, etc.	2,001,608	...	28,699	...	...	...	...	...	...	...	2,001,608	28,699
Rice	...	8	...	11	...	...	...	...	...	...	8	11
Other Prepared	114,844	...	117,968	...	...	...	...	...	...	...	114,844	117,968
Hops	...	...	...	...	...	...	...	...	...	...	...	...
Jam and Jelly	238,402	...	8,753	...	...	...	...	...	...	...	238,402	8,753

[illegible]

### III.—BEVERAGES—NON-ALCOHOLIC.

III.—BEVERAGES—NON-ALCOHOLIC.									
Aerated and Mineral Waters	...	...	...	...	...	...	...	...	...
Cocoa and Chocolate	...	lb.	...	...	...	2,296	5,264	155	1,000
Coffee and Chicory	...	...	160	...	12	2,599	...	169	7,560
Lime Juice and other Fruit Juices	...	gal.	...	...	...	...	...	...	2,759
Tea	...	lb.	...	...	...	...	...	...	...

#### IV.—SPIRITUOUS AND ALCOHOLIC LIQUIDS.

[illegible]

### V.—TOBACCO AND PREPARATIONS THEREOF.

[illegible]

## VI.—LIVE ANIMALS.

VI.—LIVE ANIMALS.														
Cattle ...	...	...	No.	1,715	...	10,181	...	...	...	...	...	...	1,715	10,181
Horses	...	...	"	11	...	2,015	...	2	...	...	62	...	13	2,077
Pigs	...	...	"	7	...	56	...	...	...	...	...	...	7	56
Sheep ...	...	...	"	6,610	...	4,599	...	...	...	...	...	...	6,610	4,599
Other ...	...	...	"	...	...	408	...	...	...	...	52	10	165	635

## VII.—ANIMAL SUBSTANCES NOT FOODSTUFFS.

SUBSISTENCE NOT FOODSTUFFS													
Bones, Hoofs, Horns	...	No.	...	...	1,772	...	...	...	...	...	...	...	1,772
Hides and Skins—Hides	...	No.	...	...	...	5,277	...	...	10,542	...	...	5,277	10,542
Rabbits and Hares	...	lb.	6,516	...	665	1,313	...	...	148	...	...	7,829	813
Sheep	...	No.	459,822	...	171,039	85,137	...	...	40,594	...	...	544,959	211,633
Other	...	...	...	...	40,781	...	...	...	22,379	...	...	63,190	...
Pearlshell	...	cwt.	20,020	...	204,882	20	...	...	190	...	...	20,049	205,072
Tortoiseshell	...	lb.	310	...	533	...	...	...	...	...	...	319	533
Wool, Greasy	...	...	20,469,548	...	1,263,654	312,537	...	...	25,460	...	...	20,782,085	1,289,114
" Scoured	...	...	431,417	...	31,443	58,807	...	...	490,224	...	...	41,835	...

### VIII.—VEGETABLE SUBSTANCES AND FIBRES.

VIII.—VEGETABLE SUBSTANCES AND FIBRES.																		
Bark, Tanning	...	...	...	...	cwt.	...	...	...	22	...	23,408	...	...	13,022	...	...	23,408	13,022
Plants, Trees, and Bulbs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
Sandalwood	...	...	...	...	cwt.	161,060	...	...	142,144	...	6,752	...	...	6,650	...	...	167,812	148,794

## IX.—APPAREL, TEXTILES, ETC.

Apparel and Soft Goods	1,375	437	557	13,198	23,063	38,630
Boots and Shoes	272	...	90	2,650	50	3,062
Hats and Caps	97	8	...	191	1,079	1,375
Umbrellas and Parasols	...	...	...	...	...	...

No. 23.—Principal Exports, Oversea and Interstate, during the Six Months ended 31st December, 1920—continued.

Articles.	OVERSEA.				INTERSTATE.						Total.	
	Quantity.		Value.		Quantity.			Value.			Quantity.	Value.
	Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.	West Australian Origin.	Other Australian Origin.	Oversea Origin.	West Australian Origin.	Other Australian Origin.	Oversea Origin.		
IX.—APPAREL, TEXTILES, ETC.— <i>continued.</i>												
Jute Goods ... ..	...	...	£	£	...	...	...	£	£	£	...	£
Cordage and Twine ... ..	...	...	850	...	...	...	...	2,174	82	8,231	...	8,315
								794	183	...	...	4,001
X.—OILS, FATS, AND WAXES.												
Lard, Lard Oil, and Refined Fats ... .. lb.	240	...	16	...	...	1,972	...	...	113	...	2,212	129
Oil in Bulk—Castor ... .. gal.	...	...	...	...	...	...	...	...	...	...	...	...
Cotton Seed ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Essential ... ..	...	...	6,485	...	...	...	...	776	...	227	...	7,488
Cod, Seal, and Whale ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Olive ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other ... ..	...	...	...	...	...	11	...	11	7	10	11	28
Turpentine ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Tallow ... ..	7,506	...	28,206	...	...	...	...	...	...	...	7,506	28,206
Wax—Beeswax ... .. lb.	...	...	...	...	533	...	...	27	...	...	533	27
Paraffin ... ..	...	...	...	...	...	...	22,400	...	...	770	22,400	770
XI.—PAINTS AND VARNISHES.												
Paints and Varnishes ... ..	...	...	...	...	...	...	...	...	...	52	...	52
XII.—STONES AND MINERALS USED INDUSTRIALLY.												
Stone, including Marble and Slate ... ..	...	...	...	...	...	...	...	92	...	...	...	92
XIII.—ORES AND METALS, UNMANUFACTURED OR PARTIALLY MANUFACTURED.												
Concentrates—Copper ... .. cwt.	...	...	...	...	1,368	...	...	2,430	...	...	1,368	2,430
Silver and Silver Lead ... ..	25,034	...	29,255	...	2,094	...	...	1,875	...	...	27,128	31,130
Tin ... ..	497	...	4,342	...	...	...	...	...	...	...	497	4,342
Zinc ... ..	93	...	116	...	...	...	...	...	...	...	93	116
Other ... ..	38	87	...	...	...	...	...	...	...	...	38	87
Copper, Bar, Rod, Sheet, Plate, Pipe, Tubes ... ..	...	...	...	...	...	4	3	...	81	9	...	90
Ingots or contained in Matte ... ..	...	...	...	...	9	...	...	70	...	...	7	70
Blister ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Iron and Steel, Pig, and Scrap ... ..	1,389	...	347	...	288	...	...	102	...	...	1,677	449
Bar, Rod, Blooms, etc. ... ..	...	...	...	...	...	...	126	...	...	381	126	381
Lead, Pig or contained in Matte ... ..	26,736	...	46,362	...	4,584	...	...	7,655	...	...	31,320	54,017
Ores—Antimony ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Copper ... ..	13,083	...	9,226	...	9,839	...	...	5,840	...	...	22,922	15,066
Molybdenite ... ..	...	...	...	...	12	...	...	5	...	...	12	5
Pyrites ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Scheelite ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Silver and Silver Lead ... ..	2,094	...	2,139	...	...	...	...	...	...	...	2,094	2,139
Tin ... ..	...	...	...	...	1,446	...	...	11,970	...	...	1,446	11,970
Other ... ..	626	...	2,601	...	246	...	...	154	...	...	872	2,755
Quicksilver ... .. lb.	...	...	...	...	...	...	...	...	...	...	...	...
Gold, Uncoined ... ..	...	...	...	...	...	...	...	5,942	...	...	...	5,942

XIV.—MACHINERY AND MANUFACTURES OF METALS.												
Machinery, except Agricultural ... ..	...	...	533	284	...	...	...	22,562	1,807	20,923	...	46,109
„ Agricultural, Horticultural, and Viti- cultural ... ..	...	...	...	30	...	...	41	5	2,954	...	...	3,030
Metals, Manufactures, Other ... ..	...	...	455	863	...	...	3,990	6,652	14,265	...	...	26,225
Iron and Steel, Galvanised, Plate and Sheet, in- cluding Galvanised and Corrugated ... .. cwt.	46	...	136	...	...	...	152	...	...	363	198	499
Lamps and Lampware ... ..	...	...	...	...	...	...	...	...	...	420	...	420
Railway Material ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Tinned Plates and Sheet, Plain ... .. cwt.	...	...	...	...	...	...	...	...	...	...	...	...
Tools of Trade ... ..	...	...	12	59	...	...	100	64	840	...	...	1,075
Vehicles—Bicycles, etc. ... ..	...	...	...	...	...	...	...	150	775	...	...	925
„ Other, and Parts ... ..	...	...	38	1,223	...	...	50	1,106	9,920	...	...	12,337
Zinc, Circles and Ingots ... .. cwt.	...	...	...	...	...	...	...	...	...	...	...	...
„ Sheets and Shavings ... ..	...	...	...	...	150	...	...	540	...	...	150	540
XV.—INDIA-RUBBER, LEATHER, AND MANUFACTURES.												
Rubber Goods ... ..	...	...	5,500	48	...	...	...	...	35	678	...	6,261
Belting, all kinds ... ..	...	...	...	...	...	...	...	...	364	4,994	...	5,358
Leather ... ..	...	...	5,462	35	...	...	7,515	1,731	...	...	...	14,743
„ Manufactures of ... ..	...	...	166	...	...	...	416	126	131	...	...	839
XVI.—WOOD, WICKER, CANE.												
Furniture ... ..	...	...	213	...	...	...	...	2,124	348	405	...	3,090
Timber ... ..	...	...	386,438	...	...	...	...	192,515	...	...	...	578,953
Wicker, Cane, Bamboo Manufactures ... ..	...	...	...	41	...	...	...	...	29	...	...	70
Wood, Articles made of ... ..	...	...	12	...	...	...	...	561	9,272	3,624	...	13,469
XVII.—EARTHENWARE, CEMENT, CHINA, GLASS.												
Cement, Portland ... .. cwt.	...	...	...	...	220	600	...	...	148	165	820	313
Earthenware, China, etc. ... ..	...	...	7	11	...	...	...	...	59	181	...	258
Glass and Glassware ... ..	...	...	...	...	...	...	...	...	617	927	...	1,544
XVIII.—PAPER, STATIONERY.												
Paper—Other... ..	...	...	...	...	...	...	53	296	1,193	...	...	1,542
Books, Printed, Music, Periodicals ... ..	...	...	532	76	...	...	282	162	955	...	...	2,007
Stationery, Manufactured ... ..	...	...	15	6	...	...	45	125	135	...	...	326
Pictures ... ..	...	...	24	...	...	...	371	8	700	...	...	1,103
XIX.—JEWELLERY, TIMEPIECES, FANCY GOODS.												
Fancy Goods ... ..	...	...	137	49	...	...	634	1,600	995	...	...	3,415
Jewellery ... ..	...	...	40,592	...	...	...	270	1,925	1,300	...	...	44,087
Pipes, Cigar, and Cigarette Holders ... ..	...	...	...	3	...	...	...	...	...	...	...	3
Clocks and Watches ... ..	...	...	...	107	...	...	...	...	...	...	...	107
XX.—OPTICAL, SURGICAL, AND SCIENTIFIC INSTRUMENTS.												
Photographic Goods and Materials ... ..	...	...	...	5	...	...	...	...	...	...	...	5
Instruments, other than Musical ... ..	...	...	15	172	...	...	...	90	3,194	...	...	3,471
XXI.—DRUGS, CHEMICALS, AND FERTILISERS.												
Drugs, N.E.I. ... ..	...	...	87	2	...	...	20	429	586	...	...	1,124
Cream of Tartar ... .. cwt.	...	...	...	...	...	10	...	...	168	...	10	168
Perfumery ... ..	...	...	...	...	...	...	...	236	633	...	...	869
Salt, Rock ... .. cwt.	...	...	...	...	...	...	...	...	...	...	...	...
„ N.E.I. ... ..	...	...	...	...	...	...	...	...	...	...	...	...

No. 23.—Principal Exports, Oversea and Interstate, during the Six Months ended the 31st December, 1920—continued.

Articles.	OVERSEA .				INTERSTATE.						Total.	
	Quantity.		Value.		Quantity.			Value.				
	Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.	West Australian Origin.	Other Australian Origin.	Oversea Origin.	West Australian Origin.	Other Australian Origin.	Oversea Origin.	Quantity.	Value.
XXII.—MISCELLANEOUS.												
Arms, Ammunition, Explosives	...	...	£	£	...	...	...	£	£	£	...	£
Bags, Baskets, Boxes	...	...	6	240	...	...	...	22	110	...	...	372
Blackings and Dressings	...	...	...	...	...	...	...	55	195	...	...	256
Blue, Laundry	...	...	...	...	...	...	...	1,645	...	...	...	1,645
Brushware	...	...	...	39	...	...	...	...	...	...	...	...
Candles	...	...	...	...	...	600	...	2,675	27	152	...	2,893
Musical Instruments—Pianos	...	No.	...	...	...	...	...	...	32	...	600	32
Other	...	...	16	27	...	...	44	...	...	4,405	44	4,405
Matches and Vestas	...	gr. bxs.	...	...	...	...	...	...	...	...	...	43
Oilmen's Stores	...	...	259	...	...	...	...	1,619	73	200	...	2,151
Infants' Foods	...	...	...	...	...	...	...	...	...	14	...	14
Personal and Household Effects	...	...	1,312	50	...	...	...	7,335	9,849	802	...	19,348
Pitch, Tar, and Bitumen	...	...	...	76	...	...	...	...	...	...	15	76
Soap	...	...	...	...	10,080	30	...	72	3	...	150,166	2,611
Vessels	...	...	...	221,000	...	...	...	...	...	...	8	221,000
XXIII.—GOLD, SILVER, BRONZE.												
Specie, Gold	...	...	1,176,400	...	...	...	...	...	...	...	...	1,176,400
„ Silver	...	...	...	...	...	...	...	...	...	...	...	...
Silver, Bar, Rod, Matte	...	...	...	...	4,306	...	...	2,100	...	...	57,775	14,472
All other Articles	...	...	8,814	356	...	...	...	2,872	1,079	3,511	...	16,632
Total*	...	...	£ 5,445,352	226,430	...	...	...	567,208	64,878	117,318	...	6,421,186
			5,671,782					749,404				

\* These figures are liable to revision.

# No. 24.—Wool Exported from Western Australia.

Year ended 30th June, 1920.

Ports.	Oversea.				Interstate.				Total.			
	Greasy.		Scoured.		Greasy.		Scoured.		Greasy.		Scoured.	
	bales.	lb.	bales.	lb.	bales.	lb.	bales.	lb.	bales.	lb.	bales.	lb.
Fremantle ... ..	139,829	49,165,938	14,768	3,316,416	2,205	857,470	...	...	142,034	50,023,408	14,768	3,316,416
Albany ... ..	19,750	6,260,711	...	...	...	...	...	...	19,750	6,260,711	...	...
Total ... ..	159,579	55,426,649	14,768	3,316,416	2,205	857,470	...	...	161,784	56,284,119	14,768	3,316,416
Value ... ..	£ 3,577,561		328,257		31,288		...		3,608,849		31,288	
Six months ended 31st December, 1920.												
Fremantle ... ..	22,757	8,381,365	1,516	335,630	589	212,481	297	58,807	23,346	8,593,846	1,813	394,437
Albany ... ..	25,313	7,771,653	362	98,787	334	100,056	...	...	25,647	7,871,709	362	98,787
Geraldton ... ..	6,224	2,070,311	...	...	...	...	...	...	6,224	2,070,311	...	...
Carnarvon ... ..	3,018	1,151,990	...	...	...	...	...	...	3,018	1,151,990	...	...
Onslow ... ..	429	176,302	...	...	...	...	...	...	429	176,302	...	...
Port Hedland ... ..	647	244,734	...	...	...	...	...	...	647	244,734	...	...
Roebourne ... ..	1,790	673,193	...	...	...	...	...	...	1,790	673,193	...	...
Total ... ..	60,178	20,469,548	1,878	434,417	923	312,537	297	58,807	61,101	20,782,085	2,175	493,224
Value ... ..	£1,263,654		31,443		25,460		10,392		1,289,114		41,835	



## No. 25.—Exports, being Ships' Stores during the Six Months ended 31st Dec., 1920.

Articles.	OVERSEA.				INTERSTATE.				Total.	
	Quantity.		Value.		Quantity.		Value.		Quantity	
	Aus-tralian Pro-duce.	Over-sea Pro-duce.	Aus-tralian Pro-duce.	Over-sea Pro-duce.	Aus-tralian Pro-duce.	Over-sea Pro-duce.	Aus-tralian Pro-duce.	Over-sea Pro-duce.		
Ale, Beer, Porter, etc. ... gal.	206	...	£ 66	...	...	...	£	£	206	£ 66
Apparel ... ..	...	...	...	...	...	...	...	...	...	...
Biscuits ... .. lb.	2,839	...	109	...	204	...	7	...	3,043	116
Brushware ... ..	...	...	74	...	...	...	...	...	...	74
Butter ... .. lb.	11,854	...	1,514	...	654	...	82	...	13,368	1,596
Cheese ... ..	2,222	350	165	13	72	...	5	...	2,644	183
Coal (Bunker) ... .. ton	62,129	101	123,871	1'6	...	...	...	...	62,230	124,047
Coffee, Cocoa, Chocolate lb.	88	1,485	13	116	151	...	12	...	1,724	141
Cordage and Twine ... ..	...	...	21	4	...	...	...	...	...	25
Fish—Fresh ... .. lb.	16,445	...	735	...	2,982	...	103	...	19,427	838
Fish—Preserved ... ..	830	4,078	52	326	...	...	2	9	4,908	389
Fruits—Preserved ... .. lb.	3,009	...	179	...	...	...	...	...	3,009	179
Fruits—Fresh ... .. cntl.	517	14	987	1	117	...	175	...	648	1,163
Fruits and Vegetables (in liquid, etc.) ... ..	...	...	254	...	...	...	...	...	...	254
Vegetables, Dried or Concentrated ... ..	...	...	22	...	...	...	...	...	...	22
Vegetables, Fresh ... ..	...	...	1,424	...	...	...	533	...	...	1,957
Grain and Pulse—										
Beans and Peas ... .. cntl.	21	2	44	3	...	...	...	...	23	47
Wheat ... ..	...	...	17	...	...	...	...	...	851	17
Barley, Pearl and Scotch lb	851	...	...	...	...	...	...	...	36	23
Bran, etc. ... .. cntl.	36	...	23	...	...	...	...	...	16	10
Oats ... ..	16	...	10	...	...	...	...	...	...	...
Flour, Wheat ... ..	886	...	1,028	...	15	...	14	...	901	1,042
Rice ... ..	...	119	363	...	3	...	...	9	122	372
Hay and Chaff ... .. cwt.	3,238	...	1,293	...	...	...	...	...	3,238	1,293
Jams and Jellies ... .. lb.	6,566	...	276	...	156	...	3	...	6,712	279
Meats—										
Bacon and Hams, etc. "	8,328	...	814	...	643	...	56	...	8,971	870
Fresh and Smoked ... "	175,775	...	6,094	...	116,920	...	3,276	...	292,695	9,370
Frozen (other than Rab-bits and Hares) ... "	26,329	...	927	...	...	...	...	...	26,329	927
Rabbits and Hares ... "	4,904	...	241	...	28	...	1	...	4,932	242
Potted and Concen-trated ... ..	...	...	3	4	...	...	...	...	...	7
Preserved in tins ... lb.	11,705	...	872	...	...	...	...	...	11,705	872
Other (including Salted) ...	...	...	7	...	...	...	427	...	...	434
Milk (Preserved) ... lb.	12,626	...	636	...	48	...	1	...	12,674	637
Oils ... .. gal.	23	1,416	20	551	...	...	...	...	1,439	571
Onions ... .. cwt.	91	...	150	...	12	...	19	...	103	169
Paints and Colours ... "	42	...	212	...	...	...	...	...	42	212
Potatoes ... ..	2,206	...	1,814	...	175	...	133	...	2,381	1,947
Salt ... ..	33	...	15	1	...	...	...	...	33	16
Soap ... .. lb.	1,529	...	55	...	98	...	3	...	1,627	58
Spirits ... ..	...	...	26	101	...	...	...	...	...	127
Sugar ... .. cwt.	76	180	230	539	13	...	35	5	271	809
Tea ... .. lb.	...	2,034	...	199	...	35	...	4	2,069	203
Tobacco ... ..	220	102	91	25	...	...	...	...	322	116
Cigars ... ..	39	...	29	...	...	...	...	...	39	29
Cigarettes ... ..	101	11	77	8	...	...	...	...	112	85
Wine—Sparkling ... gal.	2	8	2	15	...	...	...	...	10	17
Wine—Still ... ..	1,393	...	258	...	...	...	...	...	1,393	258
All other Articles ... ..	...	...	5,144	51	...	...	913	10	...	6,118
Total ... ..	...	...	149,894	2,496	...	...	5,800	37	...	158,227
			152,390				5,837			



Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
<b>I.—FOODSTUFFS OF ANIMAL ORIGIN.</b>								
Butter ... .. lb.	6,167	396	1,391,891	...	173,379	...	1,398,058	173,775
Butter, Substitutes for ... ..	80	4	368,277	...	24,311	...	368,357	24,315
Cheese ... ..	1,614	148	627,081	...	42,016	...	628,695	42,164
Eggs in Shell ... .. doz.	806	39	65,971	...	7,495	...	66,777	7,534
Egg in pulp ... .. lb.	...	...	4,900	...	270	...	4,900	270
Fish, all kinds ... ..	...	56,067	...	...	3,658	4,591	...	64,316
Honey ... .. lb.	20	1	47,760	215	2,583	13	47,995	2,597
Meats—Bacon and Ham ... ..	1,592	92	698,053	...	60,910	...	699,645	61,002
Meats—Preserved by Cold Process—								
Beef ... ..	5,949	181	14,271	...	259	...	20,220	440
Game ... ..	83	20	...	...	...	...	83	20
Mutton and Lamb ... ..	...	...	22,232	...	497	...	22,232	497
Poultry ... ..	771	35	...	...	...	...	771	35
Rabbits and Hares ... ..	...	...	15,447	...	297	...	15,447	297
Meats—Preserved in tins ... ..	8,260	411	175,692	180	11,175	16	184,132	11,602
Sausage Casings ... ..	...	1,409	...	...	611	3,812	...	5,832
Pork, Salt, and Meats, N.E.I. ... cwt.	6	14	213	...	618	...	219	632
Milk and Cream—								
In Powdered Form ... .. lb.	1,161	180	110,392	...	6,667	...	111,553	6,847
Condensed, etc. ... ..	91,273	3,339	1,711,740	...	92,469	...	1,803,013	95,808
<b>II.—FOODSTUFFS OF VEGETABLE ORIGIN.</b>								
Biscuits ... .. lb.	3,590	176	302,807	...	17,852	...	306,397	18,028
Confectionery ... ..	9,108	1,361	837,794	1,791	63,655	134	848,693	65,150
Hay and Chaff ... .. cwt.	...	...	184	...	115	...	184	115
Oilcake, including Linseed								
Cake ... .. cntl.	1,177	615	829	...	582	...	2,006	1,197
Fruits, Dried—								
Currants ... .. lb.	258	9	173,080	...	6,598	...	173,338	6,607
Dates ... ..	251,313	5,337	...	92,434	...	2,603	343,747	7,940
Raisins ... ..	1,525	43	280,131	...	13,621	...	281,656	13,664
Other ... ..	14,121	556	159,711	2,870	8,172	185	176,702	8,913
Fruits, Fresh—								
Bananas ... .. cntl.	8,724	7,458	47	...	57	...	8,771	7,515
Citrus ... ..	420	663	41	...	143	...	461	806
Other ... ..	34	51	35	...	110	...	69	161
Fruit and Vegetables, in liquid	...	1,561	...	...	21,422	...	...	22,983
Grain and Pulse—								
Barley ... .. cntl.	1	177	...	...	130	...	178	131
Beans and Peas ... ..	358	595	698	36	1,074	222	1,092	1,891
Maize ... ..	...	...	5,508	...	4,449	...	5,508	4,449
Oats ... ..	...	...	80	...	53	...	80	53
Wheat ... ..	...	...	4,431	...	2,626	...	4,431	2,626
Other, Unprepared ... ..	499	913	7	...	10	...	506	923
Bran and Pollard ... ..	...	...	54,295	...	26,656	...	54,295	26,656
Flour ... ..	308	246	25	...	37	...	333	283

No. 26.—Principal Imports, Oversea and Interstate, during the six months ended  
31st December, 1920—continued.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
VI.—LIVE ANIMALS.								
Cattle ... .. No.	...	£			£	£		£
Horses ... .. "	7	5,000	2,682	...	22,392	...	2,682	22,392
Pigs ... .. "	3	7	887	...	36,212	...	894	41,212
Sheep ... .. "	16	18	6	...	285	...	9	292
Other ... .. "	...	130	5,778	...	39,452	...	5,794	39,473
			...	...	543	...	...	673
VII.—ANIMAL SUBSTANCES NOT FOODSTUFFS.								
Hides and Skins—Hides ... No.	100	645	1,264	...	2,024	...	1,364	2,669
Other ... .. "	...	...	...	...	25	...	...	25
Wool, Greasy ... .. lb.	...	...	...	...	...	...	...	...
" Scoured ... .. "	...	...	...	...	...	...	...	...
VIII.—VEGETABLE SUBSTANCES AND FIBRES.								
Bark, Tanning ... .. cwt.	501	269	2,038	...	1,681	...	2,539	1,950
Copra ... .. "	...	...	...	...	...	...	...	...
Plants, Trees, and Bulbs ... .. "	...	57	...	...	3,423	...	...	3,480
Linseed ... .. cntl.	45	99	182	118	174	283	345	556
Starch ... .. lb.	1,444	63	309,648	...	14,664	...	311,092	14,727
IX.—APPAREL, TEXTILES, ETC.								
Apparel and Soft Goods ... ..	...	997,905	...	...	434,149	171,717	...	1,603,771
Boots and Shoes ... .. "	...	10,803	...	...	221,207	1,404	...	233,414
Hats and Caps ... .. "	...	4,055	...	...	46,338	10,392	...	60,785
Umbrellas, Parasols ... .. "	...	431	...	...	2,251	801	...	3,483
Jute Goods ... .. "	...	313,507	...	...	2,100	13,829	...	329,436
Cordage and Twine* ... .. "	...	33,109	...	...	26,380	17,535	...	77,024
X.—OILS, FATS, AND WAXES.								
Lard, Lard Oils, and Refined								
Fats ... .. lb.	9,637	354	506,937	1,133	33,431	52	517,707	33,837
Oils, in vessels up to one gallon	...	1,992	...	...	5,021	144	...	7,157
Oils, Bulk—Castor ... .. gal.	4,085	1,434	1,452	598	715	318	6,135	2,467
Cocoonut ... .. "	...	...	4,936	125	2,381	56	5,061	2,437
Cotton Seed ... .. "	1,208	639	49	80	26	30	1,337	695
Essential ... .. "	...	2,647	...	...	1,375	282	...	4,304
Kerosene... .. gal.	551,178	37,534	...	2,665	...	378	553,843	37,912
Olive ... .. "	1,811	2,182	395	658	552	1,174	2,864	3,908
Other ... .. "	...	194,440	...	...	13,656	41,357	...	249,453
Turpentine ... .. gal.	4,657	2,934	480	1,353	325	1,025	6,490	4,284
Stearine ... .. lb.	...	...	237,833	...	13,547	...	237,833	13,547
Tallow ... .. cwt.	2	2	297	...	1,043	...	299	1,045
Wax—Beeswax ... .. lb.	...	...	473	...	57	...	473	57
Paraffin ... .. "	174,720	4,766	...	22,400	...	709	197,120	5,475
Other ... .. "	27,312	855	442	2,041	66	176	29,795	1,097
XI.—PAINTS AND VARNISHES.								
Paints, Colours, and Varnishes ...	...	18,541	...	...	36,610	8,014	...	63,165
XII.—STONE AND MINERALS USED INDUSTRIALLY.								
Coal ... .. ton	...	...	69,849	...	73,026	...	69,849	73,026
Coke ... .. "	...	...	3,558	...	6,945	...	3,558	6,945
Stone, including Marble and	...	...	...	...	...	...	...	...
Slate ... .. "	...	6,207	...	...	2,864	572	...	9,643
XIII.—ORES AND METALS UNMANUFACTURED OR PARTIALLY MANUFACTURED.								
Concentrates—Copper ... .. cwt.	...	...	...	...	...	...	...	...
Copper, Bar, Rod, Sheet, Plates,	...	...	...	...	...	...	...	...
Pipes, Tubes ... .. "	747	6,915	733	23	7,485	377	1,503	14,777
Copper Ingots and contained in	...	...	...	...	...	...	...	...
Matte ... .. "	...	...	...	...	...	...	...	...
Iron and Steel—								
Pig and Scrap ... .. "	1,630	2,050	41,605	...	22,056	...	43,235	24,106
Bar, Rod, Blooms ... .. "	10,986	31,064	37,565	2,329	44,904	4,642	50,880	80,610
Lead, Pig, or contained in	...	...	...	...	...	...	...	...
Matte ... .. "	...	...	30	641	62	1,415	671	1,477
Ores, exclusive of Gold ... .. "	86	50	4,563	...	1,040	...	4,649	1,090
Quicksilver ... .. lb.	12,094	3,705	...	900	...	269	12,994	3,974
Tin Ingots ... .. cwt.	...	...	257	3	3,599	47	260	3,646
Gold, Uncoined ... .. ozs.	3	9	...	...	...	...	3	9

\* Exclusive of Metal Cordage, now included in Metals, Manufactures of.

No. 26.—Principal Imports, Oversea and Interstate, during the six months ended  
31st December, 1920—continued.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
XIV.—MACHINES, MACHINERY, AND MANUFACTURES OF METAL.								
Machines and Machinery, except Agricultural ... ..	...	£ 179,753	...	...	£ 63,025	£ 62,819	...	£ 305,597
Implements, Machinery—Agricultural, Horticultural, and Viticultural ... ..	...	48,622	...	...	142,800	26,237	...	217,659
Metals—Manufactures of ... ..	...	260,290	...	...	162,272	40,716	...	463,278
Iron and Steel, Galvanised, Plate and Sheet, including Corrugated, not Galvanised... cwt.	64,509	174,769	1,275	833	3,483	2,320	66,617	180,572
Lamps and Lampware ... ..	...	16,936	...	...	1,218	1,280	...	19,434
Lead, Sheet and Pipe ... cwt.	14	15	1,192	...	3,034	...	1,206	3,049
Railway Material ... ..	...	230	...	...	3,709	307	...	4,246
Tinned Plates and Sheet (Plain) cwt.	3,314	11,080	...	152	...	590	3,466	11,670
Tools of Trade ... ..	...	39,855	...	...	1,808	2,488	...	44,151
Vehicles—Bicycles, etc. ... ..	...	23,120	...	...	7,553	1,953	...	32,626
“ Other and Parts ... ..	...	110,205	...	...	30,183	10,894	...	151,282
Zinc Circles and Ingots ... ..	...	108	...	...	...	...	...	108
“ Sheets ... .. cwt.	...	...	9,235	...	28,256	...	9,235	28,256
XV.—INDIA-RUBBER, LEATHER, AND MANUFACTURES OF								
Rubber Goods ... ..	...	44,410	...	...	42,647	4,807	...	91,864
Belting, all kinds ... ..	...	11,876	...	...	8,721	5,117	...	25,714
Leather ... ..	...	1,169	...	...	32,865	3,691	...	37,725
“ Manufactures ... ..	...	1,945	...	...	14,485	1,464	...	17,894
XVII.—WOOD, WICKER, CANE.								
Furniture ... ..	...	3,949	...	...	23,758	1,260	...	28,967
Timber ... ..	...	33,142	...	...	35,823	28,980	...	97,945
Wicker, Bamboo, Cane Manufactures ... ..	...	2,023	...	...	209	854	...	3,086
Wood, Articles made of ... ..	...	7,309	...	...	14,010	1,567	...	22,886
XVIII.—EARTHENWARE, CEMENT, CHINA, GLASS.								
Cement (Portland) ... .. cwt.	47,109	15,196	2,258	638	854	175	50,005	16,225
Earthenware, China, etc. ... ..	...	28,876	...	...	3,423	6,622	...	38,921
Glass and Glassware ... ..	...	43,400	...	...	29,379	6,925	...	79,704
XVIII.—PAPER, STATIONERY.								
Paper, Printing ... .. cwt.	29,791	86,276	212	4,746	1,085	23,126	34,749	110,487
“ Other ... ..	...	44,656	...	...	17,060	13,896	...	75,612
Books printed, Music, Periodicals ... ..	...	27,539	...	...	4,116	3,611	...	35,266
Stationery, Manufactured ... ..	...	21,448	...	...	33,405	3,495	...	58,348
Pictures ... ..	...	565	...	...	305	28	...	898
XIX.—JEWELLERY, TIMEPIECES, FANCY GOODS.								
Fancy Goods ... ..	...	24,571	...	...	8,491	4,095	...	37,157
Jewellery ... ..	...	4,896	...	...	3,524	2	...	8,422
Pipes, Cigar, and Cigarette Holders ... ..	...	13,965	...	...	...	713	...	14,678
Clocks and Watches ... ..	...	10,776	...	...	...	641	...	11,417
XX.—OPTICAL, SURGICAL, SCIENTIFIC INSTRUMENTS.								
Photographic Goods and Material ... ..	...	2,663	...	...	4,676	2,290	...	9,629
Instruments, other than Musical ... ..	...	13,585	...	...	5,958	4,152	...	23,695
XXI.—DRUGS, CHEMICALS, AND FERTILISERS.								
Drugs, N.E.I. ... ..	...	78,234	...	...	54,558	9,593	...	142,385
Acid, Tartaric ... .. cwt.	202	3,948	...	612	...	1,315	814	5,263
Cream of Tartar ... ..	340	8,457	...	49	...	832	389	9,289

No. 26.—Principal Imports, Oversea and Interstate, during the six months ended  
31st December, 1920—continued.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
XXI.—DRUGS, CHEMICALS, AND FERTILISERS—continued.								
Manures—		£			£	£		£
Ammonium Sulphate ... cwt.	1	4	5,448	...	7,079	...	5,449	7,083
Bonedust ... ..	...	...	4,567	...	3,973	...	4,567	3,973
Rock Phosphate ... ..	682,340	167,379	2,232	...	697	...	684,572	168,076
Sodium Nitrate ... ..	...	...	...	10,467	...	12,501	10,467	12,501
Superphosphates ... ..	...	...	...	...	...	...	...	...
Other, N.E.I. ... ..	...	...	27,496	...	19,397	...	27,496	19,397
Perfumery ... ..	...	11,906	...	...	6,881	3,286	...	22,073
Salt, Rock ... .. cwt.	720	132	21	...	15	...	741	147
„ N.E.I. ... ..	220	61	7,375	...	1,820	...	7,595	1,881
XXII.—MISCELLANEOUS.								
Arms, Ammunition, Explosives ...	...	103,068	...	...	30,426	3,024	...	136,518
Bags, Baskets, Boxes ... ..	...	8,995	...	...	9,693	679	...	19,367
Blackings and Dressings ... ..	...	3,859	...	...	14,411	811	...	19,081
Blue, Laundry ... .. lb.	967	59	75,208	...	4,141	...	76,175	4,200
Boats, Launches, and Yachts ...	...	...	...	...	362	...	...	362
Brushware ... ..	...	9,330	...	...	8,876	909	...	19,115
Candles ... .. lb.	439	52	14,575	...	793	...	15,014	845
Instrument, Musical, N.E.I. ...	...	2,096	...	...	110	902	...	3,108
Pianos ... .. No.	180	10,084	172	18	13,806	1,471	370	25,361
Matches and Vestas ... .. gr. bx.	128,703	29,086	36,298	7,320	13,785	2,830	172,321	45,701
Oilmen's Stores ... ..	...	7,546	...	...	28,259	806	...	36,611
Infants' Foods ... ..	...	1,374	...	...	5,664	2,947	...	9,985
Personal and Household Effects ...	...	8,161	...	...	7,152	686	...	15,999
Pitch, Tar, and Bitumen ... cwt.	178	285	9,500	89	7,315	194	9,767	7,794
Soap ... .. lb.	24,173	2,521	379,661	4,071	17,335	1,023	407,905	10,879
XXIII.—GOLD, SILVER, AND BRONZE.								
Specie—Gold ... ..	...	...	...	...	16,100	...	...	16,100
Silver ... ..	...	...	...	...	1,000	100	...	1,100
Bronze ... ..	...	...	...	...	...	...	...	...
Silver—Bar, Rod, Matte ... ozs.	...	...	...	...	110,395	36,239	...	406,081
All other Articles ... ..	...	259,447	...	...	...	...	...	...
Total Imports † ...	...	4,113,944	...	...	3,620,871	725,271	...	8,460,086
					4,346,142			

† These figures are liable to revision.

No. 27.—Value of Imports and Exports, Oversea and Interstate, of the Ports of Western Australia during the undermentioned periods.

Ports, etc.	Year ended 30th June, 1920.		Six months ended 31st December, 1920.					
	Value of Trade.		Value of Imports.			Value of Exports.*		
	Imports.	Exports.*	Oversea.	Interstate.	Total.	Oversea.	Interstate.	Total.
	£	£	£	£	£	£	£	£
Fremantle ... ..	7,158,934	12,370,026	2,831,146	2,705,588	5,036,734	4,190,979	463,020	4,653,999
Perth ... ..	3,510,074	88,671	1,685,625	1,422,711	3,108,336	...	64,077	64,077
Albany ... ..	190,549	1,010,151	19,712	69,010	88,722	634,564	26,959	661,523
Geraldton ... ..	34,393	374,739	9,802	9,886	19,688	142,525	14,082	156,607
Bunbury ... ..	20,631	799,642	5,548	10,202	15,750	340,239	180,294	520,533
Broome ... ..	87,279	375,168	36,228	139	36,367	229,023	...	229,023
Roebourne ... ..	2,063	14,676	1,386	...	1,386	62,110	...	62,110
Busselton ... ..	...	48,268	...	...	...	23,473	...	23,473
Carnarvon ... ..	5,482	3,020	4,304	880	5,184	70,910	...	70,910
Port Hedland ... ..	1,848	8,197	1,188	...	1,188	17,359	140	17,499
Derby ... ..	262	15,014	143	...	143	12,506	...	12,506
Onslow ... ..	181	290	104	...	104	8,604	...	8,604
Esperance † ... ..	...	...	...	...	...	...	...	...
Hopetoun † ... ..	...	...	...	...	...	...	...	...
Eucla † ... ..	...	...	...	...	...	...	...	...
Shark Bay † ... ..	...	...	...	...	...	...	...	...
Wyndham ... ..	2,810	174,098	18,758	15,258	34,016	91,880	...	91,880
Balla Balla † ... ..	...	...	...	...	...	...	...	...
Overland by Rail † ...	1,353,825	14,829	...	112,468	112,468	...	6,669	6,669
Total ... ..	12,368,331	15,296,790	4,113,944	4,346,142	8,460,086	5,824,172	755,241	6,579,413

\* Including Ships Stores. † Interstate only. ‡ Amended since previous issue.

## VII.—LAND SETTLEMENT.

No. 28.—Land Settlement as on the 30th June, 1920.

Particulars.	Area.	Area.
I.—ABSOLUTELY ALIENATED :— Area sold by public auction or other forms of direct sale or otherwise alienated up to 30th June, 1920	acres. ...	acres. 8,763,051
II.—IN PROCESS OF ALIENATION ON THE 30TH JUNE, 1920 :— Midland Railway Concessions in process of alienation Free Homestead Farms ... Conditional Purchases ... Selections from late W.A. Land Company ... Selections under the Agricultural Lands Purchase Act ... Special Occupation Leases and Licenses ... Homestead or Grazing Leases ... Poison Land Leases and Licenses ... Village Allotments ... Working Men's Blocks ...	54,800 1,186,438 7,571,189 2,193 427,465 1,298 4,973,656 42,274 30 426	14,259,769
Total area alienated or in process of alienation on the 30th June, 1920 ...	...	23,022,820
III.—LEASES OR LICENSES IN FORCE ON 30TH JUNE, 1920 :— Issued by Lands Department— Pastoral Leases ... Special Leases ... Leases of Reserves ... Residential Lots ... Issued by Mines Department— Gold Mining Leases ... Mineral Leases* ... Miners' Homestead Leases ... Timber Leases and Concessions ... Timber Permits ...	253,436,312 62,348 2,391,571 235 20,148 41,337 36,181 625,186 a996,882	257,610,300
IV.—AREA NEITHER ALIENATED, IN PROCESS OF ALIENATION, NOR LEASED	...	343,955,680
Total Area of Western Australia ...	...	624,588,800

\* Inclusive of 329 acres on "Private Property." a Including 67,450 acres of Firewood Permits, but exclusive of Miscellaneous Permits for Forest Produce, area 504,726 acres.

No. 29.—Principal Crown Lands Transactions.—Area of Crown Lands for which Applications have been approved by the Lands Department from 1910.

Period.	Conditional Alienation.						Leases and Licenses.				
	Condi- tional Pur- chases.	Free Home- stead Farms.	Grazing Leases.	Selec- tions. Land Purchase Act.	Town Lots.	Total.	Pastoral Leases and Licenses.	Special Leases.	Timber Permits.	Miscel- laneous Leases.	Total.
1910 ...	acres. 1,727,720	acres. 238,267	acres. 175,641	acres. 26,504	acres. 74	acres. 2,168,206	acres. 7,959,766	acres. 270,288	acres. 183,310	acres. 1,176	acres. 8,414,540
1915 ...	148,570	44,936	170,594	1,557	...	365,657	5,829,005	470,688	225,738	3,369	6,528,800
1916 ...	80,546	27,077	163,213	96	5	270,937	12,895,339	134,288	303,350	948	13,333,925
1917 ...	120,888	17,855	226,868	79	626	366,316	11,852,859	152,112	...	276	12,005,247
1918 ...	155,036	23,458	358,940	20,170	786	558,390	24,878,992	135,836	...	495	25,015,323
1919 ...	261,147	32,617	532,816	31,322	1,143	859,045	32,773,887	543,506	...	12,286	33,329,679
1920.											
9 mths.	333,536	46,281	761,842	147,822	1,280	1,290,761	14,024,892	140,934	...	453	14,166,279
Oct ...	48,142	5,505	121,926	5,662	52	181,287	92,000	2	...	11	92,013
Nov. ...	35,986	9,038	86,984	5,094	342	137,444	1,787,664	1,891	...	133	1,789,688
Dec. ...	32,506	3,107	125,246	5,339	233	166,431	2,082,717	1,153	...	9	2,083,879

## VIII.—PRODUCTION.

No. 30.—Estimated value of Western Australian Production, 1914 to 1919.

Year.	Agricultural.	Pastoral.	Dairy, Poultry, and Bee-Farming.	Forestry and Fisheries.	Mining.	Manufac- turing.	Total.
	£	£	£	£	£	£	£
1914 *	3,097,140	2,057,735	560,766	1,569,422	5,533,990	2,676,419	15,495,472
1915 *	6,529,633	3,030,234	586,549	915,176	5,478,149	2,480,744	19,020,485
1916 *	5,889,663	3,670,966	691,366	922,340	4,893,417	2,542,072	18,609,824
1917 *	4,256,551	4,479,482	665,963	916,741	4,629,027	2,516,920	17,464,684
1918 *	4,757,763	4,544,144	698,038	1,081,537	4,265,577	2,522,299	17,869,358
1919*	9,066,281	4,614,546	843,719	1,363,972	3,561,204	2,946,972	22,396,694

\* In the case of Agricultural Production, seasons ended last day of February in following year.

† Corrected from previous issues.



## IX.—GOLD MINING STATISTICS.

No. 31.—Annual Gold Production of Western Australia from 1886, comprising Raw Gold entered for Export, plus Raw Gold received at the Perth Branch of the Royal Mint (from May, 1899) ; also amounts of Dividends paid.

Period.	Quantity of Raw Gold.			Value.	Dividends Paid.
	Exported Direct.	Received at Perth Mint.	Total.		
	Fine ounces.	Fine ounces.	Fine ounces.	£	£
Prior to 1915 ... ..	10,869,294	17,408,851	28,278,145	120,117,926	24,702,069
1915 ... ..	17,341	1,192,771	1,210,112	5,140,228	*792,317
1916 ... ..	26,742	1,034,656	1,061,398	4,508,532	632,883
1917 ... ..	9,022	961,295	970,317	4,121,645	590,856
1918 ... ..	15,644	860,867	876,511	3,723,183	368,295
1919 ... ..	6,446	727,620	734,066	3,118,113	338,244
1886 to 31st December, 1919...	10,944,489	22,186,060	33,130,549	140,729,627	27,424,664
First 9 months, 1920 ... ..	4,350	450,743	455,093	1,933,109	a 219,708
October, 1920 ... ..	174	53,801	53,975	229,273	56,875
November, 1920 ... ..	128	54,729	54,857	233,019	31,875
December, 1920 ... ..	321	53,596	53,917	229,023	75,625
Year, 1920 ... ..	4,973	612,869	617,842	2,624,424	384,083
1886 to 31st December, 1920	10,949,462	22,798,929	33,748,391	143,354,051	27,808,747

\* In addition, the "Sand Queen Gold Mine, Ltd.," made a distribution of scrip to the value of £4,500.  
a Corrected figures.

No. 32.—Monthly Gold Production of Western Australia, being Export of Gold plus Gold received at the Perth Branch of the Royal Mint, from 1911.

Month.	1911.	1916.	1917.	1918.	1919.	1920.
	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.
January ... ..	119,498	93,985	85,718	74,390	69,954	26,507
February ... ..	107,038	67,970	83,704	77,803	67,043	51,381
March ... ..	105,563	93,993	76,599	72,299	66,158	54,021
April ... ..	112,246	90,528	82,143	66,486	63,498	57,092
May ... ..	111,028	83,878	79,435	77,525	69,179	51,203
June ... ..	116,987	94,682	82,869	75,482	74,597	57,182
July ... ..	112,721	92,637	81,550	73,593	68,708	48,341
August ... ..	113,998	91,735	81,071	76,263	58,953	54,426
September ... ..	119,626	89,871	81,761	75,022	66,242	54,940
October ... ..	117,397	83,691	73,901	71,439	65,573	53,975
November ... ..	118,408	88,338	80,641	72,156	65,995	54,857
December ... ..	116,358	90,090	80,925	64,053	28,166	53,917
Total ... ..	1,370,868	1,061,398	970,317	876,511	734,066	617,842

## X.—LIVE STOCK AND WOOL-CLIP.

No. 33.—Number of Live Stock in Western Australia on the 31st December, 1910 to 1919, and Wool-clip during each Year.

Year.	Horses.	Cattle.	Sheep.	Pigs.	Goats.	Camels.	Mules and Donkeys.	Wool-clip.	Wool Exported on skins.
								lbs.	lbs.
1910 ...	134,114	825,040	5,158,516	57,628	32,173	3,443	2,312	27,581,830	a
1915 ...	163,006	821,048	4,803,850	58,231	26,991	4,938	4,634	28,073,484	3,814,404
1916 ...	169,730	863,930	5,529,960	90,756	31,387	5,265	5,445	31,334,638	2,865,044
1917 ...	178,151	927,086	6,384,191	111,844	33,786	5,808	5,766	38,284,093	1,407,264
1918 ...	180,094	943,847	7,183,747	85,863	35,821	5,722	6,413	43,404,670	1,912,601
1919 ...	174,919	880,644	6,697,951	58,165	31,997	6,137	6,888	39,214,336	7,085,045

a. Not available.

# XI—AGRICULTURE.

No. 34.—Cropping, Clearing, etc., 1910-1911 to 1919-1920.

Season ended last day of February.	Land Cropped, Cleared, etc.						
	Under Crop.	Under artificially-sown grasses.	Newly cleared and prepared for next crops.	In fallow.	Other, previously cropped, now used for grazing, etc.	Ringbarked or partially cleared.	Total.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1911 ... ..	855,024	8,348	252,537	299,144	454,664	3,440,115	5,309,832
1916 ... ..	2,189,456	9,119	293,625	686,421	1,058,171	3,819,582	8,056,374
1917 ... ..	2,004,944	8,327	162,795	743,093	1,338,514	3,514,876	7,822,549
1918 ... ..	1,679,772	11,769	115,862	662,534	1,706,230	3,411,653	7,587,820
1919 ... ..	1,605,088	14,158	118,409	726,630	1,902,094	3,216,337	7,582,716
1920 ... ..	1,628,163	16,672	156,135	676,271	1,925,424	2,922,854	7,325,519

No. 35.—Areas under various kinds of Crops in Western Australia, 1910-1911 to 1919-1920.

Season ended last day of February.	Grain Crops.				Hay of all kinds.	Potatoes.	Vineyards.	Orchards.	Other Crops.
	Wheat.	Oats.	Barley.	Other.					
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1911... ..	581,862	61,918	3,369	1,692	175,432	1,791	2,795	16,738	9,427
1916 ... ..	1,734,117	104,086	10,069	1,230	290,036	4,866	2,751	21,805	20,496
1917 ... ..	1,566,608	122,220	11,105	1,147	240,726	5,838	3,031	21,752	32,517
1918 ... ..	1,249,762	95,666	5,028	919	265,899	4,484	2,996	21,137	33,881
1919 ... ..	1,146,103	141,459	7,982	895	249,796	3,936	2,936	20,412	31,569
1920 ... ..	1,041,827	191,931	9,167	772	327,498	3,585	2,975	19,817	30,591
1921, Forecast†	1,236,000	232,047	11,633	...	*298,452	...	...	...	...

\* Wheaten, Oaten, and Barley Hay.

† Latest estimate in January.

No. 36.—Yield of Principal Crops and quantity of Wine made, 1910-1911 to 1919-1920.

Season ended last day of February.	Principal Grain Crops.			Hay of all kinds.	Potatoes.	Wine.
	Wheat.	Oats.	Barley.			
	bushels.	bushels.	bushels.	tons.	tons.	gallons.
1911 ... ..	5,897,540	776,233	33,566	178,891	5,864	153,665
1916 ... ..	18,236,355	1,538,092	130,870	395,172	14,118	166,820
1917 ... ..	16,103,216	1,689,352	134,055	236,989	16,841	220,439
1918 ... ..	9,303,787	908,592	35,761	267,163	11,320	156,532
1919 ... ..	8,845,387	1,499,689	81,451	250,014	11,697	199,142
1920 ... ..	11,222,950	2,486,918	116,037	379,025	13,240	162,397
1921, Forecast†	11,655,480	2,724,232	131,606	*264,053	...	...

\*Wheaten, Oaten, and Barley Hay.

† Latest estimate in January.

No. 37.—Average Yield per Acre of Principal Crops, 1910-1911 to 1919-1920.

Season ended last day of February.	Principal Grain Crops.			Hay of all kinds.	Potatoes.
	Wheat.	Oats.	Barley.		
	bush.	bush.	bush.	tons.	tons.
1911 ... ..	10.14	12.54	9.96	1.02	3.27
1916 ... ..	10.52	14.78	13.00	1.36	2.90
1917 ... ..	10.28	13.82	12.07	0.98	2.88
1918 ... ..	7.44	9.50	7.11	1.00	2.52
1919 ... ..	7.72	10.60	10.20	1.00	2.97
1920 ... ..	10.77	12.96	12.66	1.16	3.69
1921, Forecast†	9.43	11.74	11.31	*0.88	...

\*Wheaten, Oaten, and Barley Hay.

† Latest estimate in January.

## XII.—INDUSTRIAL ESTABLISHMENTS.

(Exclusive of Mines.)

No. 38.—Output of the principal Industrial Establishments of Western Australia, 1910 to 1919.

Factories, etc.	Articles, etc., Produced or Treated.		1910.	1915.	1916.	1917.	1918.	1919
Tanneries .. ..	Hides tanned .. ..	No.	26,734	35,754	27,405	26,603	24,180	36,582
	Skins tanned .. ..	"	7,355	8,958	9,722	16,314	17,369	21,208
	Leather produced ..	lbs.	956,041	1,287,999	1,084,838	1,094,352	1,007,374	1,348,284
Brickworks .. ..	Bricks made .. ..	No.	23,162,300	21,666,820	18,584,997	17,488,340	15,672,287	21,091,728
Lime Works .. ..	Lime burned .. ..	tons	11,229	10,068	9,618	9,441	9,530	10,561
Forest Saw Mills ..	Timber sawn or hewn ..	sup. ft.	171,135,064	a123,494,334	a100,356,217	a85,218,344	a94,989,530	a131,476,741
Confectionery Works ..	Confectionery made ..	lbs.	1,657,266	1,806,427	1,798,041	1,707,061	2,266,585	2,548,910
	Jam .. ..	"	623,976	b	b	b	b	731,354
Jam, Pickles, Sauce, and Vinegar Works	Pickles .. ..	pints	188,146	101,370	88,068	93,247	65,664	115,316
	Sauce .. ..	"	375,987	317,273	336,471	286,992	360,573	355,934
	Vinegar .. ..	"	191,802	b	132,913	b	b	b
Flour Mills .. ..	Wheat, ground .. ..	bush.	1,803,834	1,723,096	3,515,278	4,945,190	5,867,052	6,790,320
	Flour made .. ..	tons	36,818	32,396	70,912	102,300	119,876	141,516
Aerated Water and Cordial Factories	Aerated Waters made ..	doz.	1,154,361	1,054,570	941,947	885,775	855,390	981,336
	Cordials made .. ..	"	15,544	10,197	h 55,258	46,026	48,630	53,525
Breweries .. ..	Beer and Stout made ..	gall.	4,710,849	5,348,532	5,298,607	5,018,208	5,361,712	5,774,924
	Tobacco made .. ..	lbs.	2,100	6,700	d 9,089	4,300	2,660	2,140
Tobacco, Cigar, and Cigarette Factories	Cigars made .. ..	No.	437,000	b	b	b	b	b
		lbs.	5,800					
	Cigarettes made .. ..	No.	742,600	322,000				
		lbs.	2,595	826	e	b	b	b
Boot Factories .. ..	Boots and Shoes made ..	pairs	208,918	193,207	217,266	197,351	206,400	224,058
Electric Light and Power Works	Light .. ..	Brit. Units	...	c 7,240,146	c 7,435,194	7,053,190	8,290,906	8,825,178
	Power .. ..	"	...	c 20,890,550	c 19,507,716	23,406,240	22,110,433	19,257,042
Gas Works .. ..	j Gas supplied .. ..	cub. ft.	82,220,100	128,508,700	141,351,100	160,852,700	169,341,900	179,729,000
g Value, Industrial Production	.. ..	£	2,736,070	i 3,233,935	3,146,866	3,099,449	£3,191,691	l 3,822 569

a Including the following quantities (in super. feet):—Hewn by Contractors for the Railway Department, Exporters, Coal and Gold Mines, etc., 1915, 2,983,047; 1916, 10,353,023; 1917, 8,287,651; 1918, 11,108,824; 1919, 9,792,201. b Not available. c Exclusive of light and power produced for State Government Railway Workshops. d Including cigarettes. e Included with tobacco. f Being the total value added to the raw material by the production of all Industrial Establishments from which returns are collected under the Statistics Act; value of raw material and fuel used is not included. The figures are different from those shown in Table No. 30 on page 23 under "Manufacturing," as, under the classification there adopted, several items annually collected from "Industrial Establishments" come under other headings. h Hop Beer included from 1916. i Including dental industrial establishments. j From 1917 Gas manufactured. k Inclusive of £32,551, the production of Firewood Yards (not now classed as "Industrial Establishments," though previously so included). l Exclusive of Firewood Yards.



## XIII.— WAGES.

No. 39.—Minimum\* Rates of Wages fixed by Agreements and Awards in the principal Industries, under the Industrial Arbitration Act, up to 31st December, 1920.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
<b>MALES—</b>			
Aerated Water Factory Hand	Per week	48	£ s. d. 3 5 0
Artificial Manure Worker	Per day	8	0 11 0 (basic wage)
Assembler (Agricultural Implement)	do.	...	13s. 6d. to 14s.
Baker	Per week	48	4 0 0
Baker (Goldfields)	do.	48	£5 15s. to £6 5s.
Barman	do.	48	4 4 0
Barman (Goldfields)	do.	54	† 3 0 0
Bedding Hand	Per hour	...	0 2 0½
Blacksmith, Engineering	Per day	8	0 16 6
Blacksmith, Engineering (Goldfields)	do.	8	0 15 0
Boatbuilder and Shipwright	do.	8	0 17 0
Boilermaker's Assistant (Engineering)	do.	...	0 13 3
Bookbinder and Paper-ruler	Per week	44	4 2 6
Bootmaker	Per hour	...	0 1 8½
Boxmaker (Wooden)	Per day	8	9s. 9d. to 12s.
Brass-finisher (Engineering)	do.	8	0 16 6
Brewery Employee	Per week	48	£3 3s. to £4 1s.
Brewery Employee (Goldfields)	do.	48	4 7 6
Bricklayer <i>g</i>	Per day	8	0 16 0
Brickyards Employee (adult)	do.	8	e 12s. 6d. to 14s.
Butcher—Shopman	Per week	48	£4 5s. 0d. to £4 15s. 0d.
Butcher—Shopman (Goldfields)	do.	56	4 0 0
Cabinetmaker	Per hour	...	0 2 1½
Carpenter and Joiner	Per day	8	16s. to 2s. 3d per hour
Carter	Per week	48	£4 to £4 13s.
Carver (Wood)	Per hour	...	0 2 2½
Chairmaker	do.	...	0 2 1½
Coachbuilder and Wheelwright	Per day	8	0 15 0
Collarmaker (Saddlery)	Per week	48	4 1 0
Compositor <i>d</i>	do.	44	4 2 6
Confectioner	do.	48	3 0 0
Cook—			
Chief, where more than one employed	do.	48	£3 13s. to £4
Other Cooks	do.	48	£2 10s. to £3
Other Cooks (Goldfields)	do.	48	† 3 17 6
Cooper	do.	48	4 1 0
Do. (Goldfields)	do.	48	4 10 0
Coppersmith	Per day	8	0 16 6
Currier	Per week	48	4 12 0
Dairyman, Yardman	do.	60	3 0 0
Dairyman, Yardman (Goldfields)	do.	60	3 10 0
Drawer	Per 1,000 bricks	...	2s. 9d. to 3s. 6d.
Driller (Engineering)	Per day	8	0 13 9
Dyer	Per week	...	4 0 0
Electrical Trade—			
Labourer	Per day	...	0 12 6
Fitter	do.	...	0 16 6
Lineman	do.	...	0 14 6
Wireman	do.	...	0 15 0
Engine-driver—			
Locomotive Engine (not Government Railways)	Per hour	...	h 0 1 8
Stationary Engine	Per day	8	14s. 3d. to 15s. 3d
Traction Engine	do.	8	0 13 0
Fellmonger and Woolscourer <i>a</i>	Per week	48	3 19 6
Fire Brigade Employee	do.	<i>i</i>	£4 5s. to £5 5s.
Firemen, Locomotive Engine (not Government Railways)	Per day	8	10s. 6d. to 12s.
Firemen, Stationary Engine	do.	8	13s. to 13s. 6d.
Fitter and Turner	do.	8	0 16 6
Do. (Kalgoorlie)	do.	8	0 15 0
French polisher	Per hour	...	0 2 0½
Gas Works Employee	Per day	48	13s. 6d. to 14s. 6d.
Hairdresser	Per week	52	3 5 0

\* It should be carefully noted that each award applies only to some particular area. The rates of wages payable on the Goldfields, in many cases, are not fixed by any award, but the ruling rates are, for the most part, higher than those payable in coastal districts for similar occupations. In a few cases private agreements, which are not yet filed at the Court have been quoted from. † With Board and Lodging. *a* Juniors under the age of 21 years are paid at Special Rates. *d* Newspaper rates provided for in separate agreement, including Composing, Stereotype, and Machine Room Workers. *e* General rates; special rates for juniors. *g* Understood that 21s. per day is actually being paid. *h* By private agreement 16s. 3d. per day is the ruling wage on large timber concessions. *i* Special hours.

No. 39.—Minimum\* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
<b>MALES—</b>			
Hairdresser (Goldfields) ...	Per week ...	52½	£ s. d. 4 0 0
Harbour Works Employee ...	Per day ...	8	9s. 9d. to 13s. 9d.
Harnessmaker and Saddler ...	Per week ...	48	3 16 0
Hide, skin, and Wool-store Employee ...	do. ...	44	3 10 6
Horse-driver (see Carter).			
Ironer and Machinist (Laundry) ...	Per day ...	8	0 9 0
Jeweller ...	Per week ...	48	5 0 0
Kitchenman, Pantryman, and Sculleryman ...	do. ...	48	† 2 4 6
Labourer, Builders' ...	Per hour ...	...	1s. 9d
Labourer (Engineering Award) ...	Per day ...	8	0 12 6
Laundry Employee (General), 21 years and upwards	do. ...	8	0 8 0
Letter-press Machinist ...	Per week ...	44	4 2 6
Lighterman ...	do. ...	47	3 0 0
Lime Worker ...	Per day ...	8	0 11 6
Linotype Operator e ...	Per week ...	42 hrs. day work	6 0 0
Machinist (Wood) ...	Per day ...	8	11s. to 15s.
Machinist (Furniture Trade) ...	Per hour ...	...	2s. 0½d. to 2s. 2½d.
Marbler ...	Per week ...	44	4 2 6
Marine Diver ...	d ...	...	1 2 6
Marine Store Employee ...	Per week ...	48	4 0 0
Mason (Monumental) ...	Per day ...	...	0 17 0
Mattress Maker (Wire) ...	Per hour ...	...	0 2 0½
Mill Hand (Flour) General ...	Per week ...	48	3 12 0
Miner, Coal (labourer on coal mine) ...	Per shift ...	8	0 11 8
<b>Miner (Gold)—</b>			
Machine Miners (in Shafts, Rises, and Winzes)—	do. ...	...	18s. 6d. to 19s. 4d.
Machine Miners (in other places) ...	do. ...	...	0 18 2
Miners—Hand Labour (in Shafts, Rises, and Winzes)	do. ...	...	17s. 8d. to 18s. 6d.
Miners—Hand Labour (in other parts) ...	do. ...	...	0 17 4
Monotype Operator ...	Per week ...	42 hrs. day work	6 0 0
Motor Mechanic ...	Per day ...	8	0 16 6
Moulder (Metal) ...	do. ...	8	0 16 0
Musician (Picture Shows) ...	Per week ...	21 (abt.)	3 15 0
Navy and General Labourer—Timber Industry	Per day ...	8	h 0 9 7
Optician ...	Per week ...	...	4 16 0
Packer and Despatch Hand (Shop Assistants) ...	Per week ...	...	4 5 0
Painter and Paperhanger ...	Per hour ...	...	0 1 10½
Pastry-cook ...	Per week ...	48	4 15 0
Pattern-maker ...	Per day ...	8	0 17 6
Pipemaker (Vertical) ...	do. ...	8	12s. 6d. to 14s. 9d.
Planer, etc. (Engineering) ...	do. ...	8	0 15 0
Planer, etc. (Engineering)—Goldfields ...	Per day ...	8	0 14 0
Plasterer ...	Per hour ...	...	0 2 0
Plumber ...	do. ...	...	0 1 10½
Pottery Employee (Adult) ...	Per day ...	8	/ 11s. to 13s. 4d.
Quarryman ...	do. ...	8	0 9 0
Sanitary Employee—Municipal (Perth) ...	Per shift ...	8	12s. 6d. to 15s.
Saw Filer ...	Per day ...	8	h 0 12 7
Sawyer—Bush Timber Mills ...	do. ...	8	h 10s. 7d. to 13s. 7d.
Sawyer—City Timber Mills ...	do. ...	8	11s. 6d. to 12s. 6d.
Sculleryman (Goldfields) ...	Per week ...	60	† 2 0 0
<b>Shop Assistant—</b>			
General ...	do. ...	...	£4 5s. to £4 12s. 6d.
Juniors ...	do. ...	...	14s. to £3 12s. 9d.
Grocers' Canvasser ...	do. ...	50	£4 12s. 6d. to £4 12s. 6d.
Shop Assistant (Goldfields), Adult ...	do. ...	44	4 10 0
Shop Assistant (Goldfields), Junior ...	do. ...	44	£1 to £4
Signwriter ...	Per hour ...	...	0 1 10½
Slaughterman ...	Per week ...	44	5 7 6
Slaughterman (Goldfields) ...	do. ...	48	4 0 0
Smallgoodsman (Butcher's) ...	do. ...	44	4 15 0
Spotter—Timber Industry ...	Per day ...	8	h 0 12 7
Stableman—Bush Timber Mills ...	do. ...	48	h 2 14 6
Storeman (Shop Assistants) ...	do. ...	...	4 4 0
Striker—Blacksmith's (Engineering) ...	do. ...	...	13s. 3d.
Survey Hand ...	Per day or per shift ...	...	0 15 4
Tailor Out—Bush Timber Mills ...	do. do. ...	8	h 0 9 7
Tailor Out—City Timber Mills ...	do. do. ...	8	0 11 0
Tailor (Male hand) ...	Per week ...	44	£3 15s. to £4 15s.
Do. (Goldfields) ...	do. ...	48	5 0 0
Tailor's Presser ...	do. ...	44	£4 10s. to £4 15s.
Tannery Employee (Unskilled) ...	Per week ...	48	3 18 0
Tile Maker ...	Per day ...	8	0 11 0
Timber Sorter (City Sawmills) ...	do. ...	8	10s. 6d. to 11s.
Tinsmith (General hand) ...	Per hour ...	...	0 1 10½
Truck-loader, Storeman (Flourmilling) ...	Per week ...	8	£3 15s. to £4
Turner (Wood) ...	Per hour ...	...	0 2 1½

\* See note \* on page 27. † With Board and Lodging. || For workers under 21 years of age the minimum ranges from 3s. 6d. to 7s. d Per day or part of day engaged in diving. e See note on Compositor. / General rates: special rates for juniors. (h) These rates have been superseded by new ones under an award of the Commonwealth Court of Arbitration which, however, has not yet been signed.

**No. 39.—Minimum \* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.**

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
<b>MALES—</b>			£ s. d.
Undertaker's Employee ... ..	Per week ... ..	44	£3 to £4
Unhaired and Scudder—Tannery ... ..	do. ... ..	48	4 2 0
Upholsterer ... ..	Per hour ... ..	...	0 2 0½
Vineyard Employees ... ..	Per week ... ..	...	3 12 0
Waiter ... ..	Per week ... ..	48	d 2 7 0
Watchmaker, Clockmaker (including repair work) ... ..	do. ... ..	48	5 0 0
Water Supply and Sewerage employee (Labourer) ... ..	Per day ... ..	8	9s. 7d. to 13s. 7d.
Wharf Labourer—			
General Cargo Work (all ports) ... ..	Per hour ... ..	...	0 2 3
Overtime (ordinary) ... ..	do. ... ..	...	0 3 4½
Coal (including explosives), Fremantle, Perth, Bunbury, and Geraldton ... ..	do. ... ..	...	0 2 6
Overtime (ordinary) ... ..	do. ... ..	...	0 3 7½
General Coal Work (Albany) ... ..	Per ton per gang ... ..	...	0 2 3
Wicker Worker ... ..	Per hour ... ..	...	0 2 0
Winchman, log landing ... ..	Per day ... ..	8	f 0 9 7
Wine and Spirit Warehouse employee ... ..	Per week ... ..	48	£4 4s. to £4 15s. 6d.
Wool Scourer (see Fellmonger)			
<b>Railway and Tramway Servants—</b>			
Government Railways (a):			
Car Conductor ... ..	Per day ... ..	...	0 11 6
Caretaker ... ..	Per week ... ..	Special hours	3 7 6
Chainman ... ..	Per day ... ..	(44)	0 13 0
Cleaner, Locomotive (Sixth year) ... ..	do. ... ..	...	0 9 7
Cleaner, Locomotive (First year) ... ..	do. ... ..	...	0 6 6
Engine-driver, Locomotive (First Class) ... ..	do. ... ..	...	0 15 0
Engine-driver, Locomotive (Third Class) ... ..	do. ... ..	...	0 13 0
Engine-driver (Stationary) ... ..	do. ... ..	...	14s. to 15s.
Fireman, Locomotive (First Class) ... ..	do. ... ..	...	6 12 0
Fireman, Locomotive (Third Class) ... ..	do. ... ..	...	0 10 0
Guard ... ..	do. ... ..	...	0 13 6
Platelayer and Repairer (including Gangers) ... ..	do. ... ..	(44)	12s. to 16s.
Porter ... ..	do. ... ..	...	11s. to 13s. 6d.
Shunter ... ..	do. ... ..	...	12s. to 13s. 6d.
Signalman (First Class) ... ..	do. ... ..	...	0 14 0
Do. (Fourth Class) ... ..	do. ... ..	...	0 11 6
Storeman ... ..	do. ... ..	...	12s. 6d. to 13s. 6d.
Government Tramways (a):			
Conductor or Motorman ... ..	Per week ... ..	...	3 15 0
Ganger ... ..	do. ... ..	...	3 18 0
Other Tramways			
Conductor or Motorman (Fremantle) ... ..	Per day ... ..	8	0 12 6
Do. (Goldfields) ... ..	do. ... ..	8	0 11 9
<b>FEMALES—</b>			
Barmaid ... ..	Per week ... ..	48	4 4 0
Barmaid (Goldfields) ... ..	do. ... ..	48	d 2 10 0
Cook ... ..	do. ... ..	48	d £1 13s. 4d. to £2 18s. 4d.
Other Cooks (Goldfields) ... ..	do. ... ..	48	d 3 0 0
Cook or Kitchen Hands in charge (Adults)—			
Tea Rooms ... ..	do. ... ..	48	b £1 13s. 6d. to £1 16s. 9d.
Tea Rooms (Goldfields) ... ..	do. ... ..	48	b 2 7 3
Dressmaker (order) ... ..	do. ... ..	48	2 7 0
Dressmaker (factory) ... ..	do. ... ..	44	2 5 0
Furniture Trade ... ..	do. ... ..	...	2 10 0
Juniors ... ..	do. ... ..	...	10s. to 40s.
Kitchenmaid, Pantrymaid, Scullerymaid ... ..	do. ... ..	48	d £1 8s. to £1 11s.
Kitchenmaid, etc. (Goldfields) ... ..	do. ... ..	48	d 2 1 6
Milliner ... ..	do. ... ..	48	2 5 0
Printer—Juniors ... ..	do. ... ..	44	10s. to 32s. 6d.
Shop Assistants ... ..	do. ... ..	...	£2 13s. to £2 15s.
Juniors ... ..	do. ... ..	...	11s. to £2 3s.
Shop Assistants (Goldfields), Adult ... ..	do. ... ..	44	2 15 0
Shop Assistants (Goldfields), Junio. ... ..	do. ... ..	44	12s. 6d. to £2 15s
Tailoress ... ..	do. ... ..	44	2 8 0
Tailoress (Slop Clothing) ... ..	do. ... ..	44	2 8 0
Waitress ... ..	do. ... ..	48	d 1 11 0
Waitress—Tea Room ... ..	do. ... ..	48	b 1 11 0
Waitress—			
Waitress (Goldfields) ... ..	do. ... ..	48	d 2 1 6
Whiteworker ... ..	do. ... ..	44	£2 5s. to £2 13s.

\* See note \* on page 27.  
specified. b Board only.

a Per day, with a working week of 48 hours, except when otherwise specified.  
d With Board and Lodgings f See note h, p. 28.

# XIV.—METEOROLOGICAL STATISTICS.

## No. 40.—Notes on the Rainfall of Western Australia for October, November, and December, and the year 1920.

*October.*—With the exception of the extreme South-East corner and the North and East Kimberleys, a general deficiency in the October rain totals was noted throughout the State. The shortage was most severely felt along the West and South-West Coasts and over the agricultural districts.

The coastal areas were affected by several rainstorms of varying intensity, but only one of these, which occurred on the 10th, extended in anything like a general fashion to the wheat belt, and even in this instance the falls dwindled to negligible amounts over the extreme Eastern agricultural districts. On the 22nd, however, a slight monsoonal depression which passed through the Goldfields spread to these far Eastern localities, and the resulting light rainfall was of decided benefit.

Although the month was a very dry one in Western Australia, the depressions which passed over the State gathered greatly in intensity in their Eastward movement, and as a result of their subsequent activities extensive rainfalls were reported over the Eastern States.

*November.*—From a rainfall point of view November has been chiefly remarkable for the rain which fell during the last week in the Kimberley and for the thunderstorms which visited the agricultural country and goldfields between the 23rd and 26th.

With few exceptions tropical stations disclosed an excess which was most marked in the East Kimberley, where Turkey Creek showed a total monthly registration of 679 points. This total has only once, during a period of 23 years, been exceeded during November.

South from these regions the rainfall during the days previously mentioned was responsible for excesses at many of the goldfields stations, and in portions of the North-East and Eastern agricultural districts. Unfortunately, however, the passage of the tropical depression was associated with some destructive hailstorms, which, from the meagre reports at present to hand, appear to have operated in the Dalwallinu district, then moved in a South-easterly direction past Wongan Hills, and thence to the South of Grass Valley and Cunderdin. Over coastal areas and the Southern Agricultural districts a slight deficiency was everywhere indicated.

*December.*—With the exception of tropical rains and light gaugings in the extreme South West and along the South Coast, a very dry December has been reported throughout the State.

A rainless month was experienced along the Midland Railway and throughout the North eastern and Eastern agricultural districts, while over the remainder of the agricultural country and on the West and South-West coasts, the gaugings were light and scattered. Similar conditions prevailed over the Gascoyne and Goldfields.

In the tropics, however, some heavy gaugings were reported. The best rains fell in the West Kimberley in connection with an intense monsoonal depression which, first operating off Darwin, skirted Wyndham and then rested over the West Kimberley, torrential downpours being noted from the 24th to 27th, between Derby and Broome and inland to Fitzroy Crossing. Of the other tropical stations Marble Bar, thanks to a local downpour of 313 points on the 2nd, showed the most marked excess.

*Year 1920.*—The opening months of 1920 were characterised by very dry conditions over the greater part of the State. In the tropics the deficiency in the usual monsoonal rains was very marked. Until the middle of April, most of the rainfall was confined to the Kimberley and only in a few instances, where the totals were swelled by chance thunderstorms, were excesses over the monthly averages met with. In Southern areas the first two months were productive only of isolated thunderstorms and one downpour of Southern origin, which was restricted to lower Great Southern localities.

In March monsoonal activities were pronounced, but in the tropics where rain was badly needed, the results were again disappointing. One disturbance passed through the interior on the 3rd, benefiting the Coolgardie Goldfield, while two others, on the 12th and at the end of the month respectively, brought general downpours. As a result, the whole State from Onslow southward, received far more rain than usual for March. Another inland rain occurred on the 8th April, but was heavy only on the North Coolgardie Fields, the rest of the sub-tropical areas experiencing a decidedly dry month. On the 15th a big rainstorm developed in the tropics, phenomenal totals for the month of April being recorded during the next five days. The inland Kimberley districts, however, did not participate.

The agricultural districts experienced their first winter rains early in May, but they were not repeated until the closing days of the month. Another fine interval marked the opening week of June, but on the 10th general rains recommenced and lasted for four weeks with little intermission. After July 7th a decided falling off in the activity of the systems was noted, the showers being mostly coastal for the rest of the month, but they revived in August, which was very wet until the 22nd. A good fall marked the close of the month, but nearly a fortnight elapsed before the next important agricultural rain, which proved to be the last of a general character for the season, although one or two subsequent disturbances benefited the Great Southern districts.

# XV.—PARLIAMENTARY ROLLS.

No. 42.—Legislative Assembly, Net Enrolment 30th June 1920, and General Elections, 29th September, 1917.

District.	Net Enrolment.			District.	Net Enrolment.		
	Males.	Females.	Total.		Males.	Females.	Total.
Albany ... ..	2,201	1,762	3,963	Mount Magnet ...	875	310	1,185
Avon ... ..	2,201	1,170	3,371	Mount Margaret ...	663	230	893
Beverley ... ..	979	627	1,606	Murchison ... ..	917	325	1,242
Boulder ... ..	2,401	2,189	4,590	Murray-Wellington ...	1,461	1,042	2,503
Brown Hill-Ivanhoe ...	2,432	1,778	4,210	Nelson ... ..	1,785	1,221	3,006
Bunbury ... ..	1,408	1,380	2,788	Northam ... ..	1,178	1,042	2,220
Canning ... ..	3,263	3,462	6,725	Perth ... ..	2,649	2,514	5,163
Claremont ... ..	2,875	3,292	6,167	Perth, East ... ..	2,888	3,459	6,347
Collie ... ..	1,587	1,117	2,704	Perth, North ... ..	2,707	3,405	6,112
Coolgardie ... ..	1,135	504	1,639	Perth, West ... ..	2,067	2,877	4,944
Cue ... ..	509	265	774	Pilbarra ... ..	551	79	630
Forrest ... ..	1,349	626	1,975	Pingelly ... ..	1,342	830	2,172
Fremantle ... ..	1,983	1,753	3,746	Roebourne ... ..	516	108	624
Fremantle, N.E. ... ..	2,872	3,001	5,873	Subiaco ... ..	2,938	3,728	6,666
Fremantle, South ... ..	2,105	2,026	4,131	Sussex ... ..	894	759	1,653
Gascoyne ... ..	671	212	883	Swan ... ..	1,598	1,478	3,076
Geraldton ... ..	1,283	1,106	2,389	Toodyay ... ..	1,804	1,112	2,916
Greenough ... ..	1,375	709	2,084	Wagin ... ..	1,430	934	2,364
Gulldford ... ..	3,480	3,756	7,236	Williams-Narrogin ...	2,060	1,298	3,358
Hannans ... ..	1,060	901	1,961	Yilgarn ... ..	815	417	1,232
Irwin ... ..	1,400	694	2,094	York ... ..	1,597	1,018	2,615
Kalgoorlie ... ..	2,855	2,542	5,397				
Kanowna ... ..	1,300	469	1,769	All Districts,...	84,632	70,568	155,200
Katanning ... ..	1,890	1,210	3,100				
Kimberley ... ..	1,192	207	1,399				
Leederville ... ..	3,468	4,166	7,634				
Menzies ... ..	464	259	723				
Moore ... ..	1,503	843	2,346				
Mount Leonora ... ..	646	356	1,002				

† Including 1,447 Informal Votes.

No. 43.—Legislative Council, Net Enrolment, 30th June, 1920, and Biennial Election, 8th May, 1920.

Electoral Province.	Number of Names on the Roll.			Electoral Province.	Number of Names on the Roll.		
	M.	F.	Total.		M.	F.	Total.
Central ... ..	2,559	637	3,196	South West ... ..	3,666	981	4,647
East ... ..	5,134	1,196	6,330	West ... ..	4,985	1,775	6,760
Metropolitan ... ..	3,921	1,933	5,854				
Metropolitan-Suburban	7,500	6,179	13,679	All provinces ... ..	37,567	15,087	52,654
North ... ..	545	67	612				
North-East ... ..	2,351	739	3,090				
South ... ..	2,280	681	2,961				
South-East ... ..	4,626	899	5,522				

Election—8-5-20

Names on Roll ...	37,137	14,900	52,037
In contested Provinces	27,621	11,753	39,374
Votes recorded ...	12,450	3,406	15,856



The winter rains, therefore, commenced on the 8th May, and finished on the 12th September. They were decidedly heavier than usual in May, June and August, but somewhat deficient in July, while September, 1920, ranks amongst the driest on record. On the 30th June, and on several dates in August, they were associated with snow, which fell over a large area in the lower Great Southern country, and at one or two Southern Goldfields localities. Most of the rainstorms were defective in penetrating quality. Few of them reached the Goldfields, where the best gaugings for the winter period occurred in connection with a belated summer-type system on the 5th and 6th of June, which also brought a very welcome fall to the Ashburton country.

Very little rain fell in the tropics from mid-May until the end of November, although light showers occurred in September, which is usually very dry. Thunderstorms were fairly general in the last week of November and excesses were reported from all Kimberley and inland North-West stations. Patchy inland rains visited Southern areas from the 22nd to 26th of that month, resulting in the averages being exceeded at a large number of stations, including the central parts of the wheat belt. This rainfall was the only one of any great extent to occur South of the Tropic after the middle of September. Thunderstorms were frequent both in the Kimberley and DeGrey in early December, the greatest excesses being noted on the West Kimberley Coast.

Taking the year as a whole, with the exception of the districts between Derby and Broome and around Marble Bar, defects varying from one to over ten inches were noted in the tropics. Over the greater part of the South-West Coastal and agricultural districts a surplus was shown, but the goldfields and Gascoyne country showed, with few exceptions, somewhat large deficiencies.

#### No. 41.—Abstract of Meteorological Observations.

(a) At Perth (Latitude, 31° 57' S. Altitude above mean sea-level, 197 feet. Longitude, 115° 51' E.)

1920.	Barometer.*			Shade Temperature.								Evaporation.		Rainfall.			
	Average for 35 years.	Highest.	Lowest.	Mean Maximum.	Mean Minimum.	Maximum on any one day.	Minimum on any one day.	Highest previous record since 1897.		Lowest previous record since 1897.		Inches.	Aver., 21 yrs., Inches.	Total.		Average for 44 years.	
								Max.	Date.	Min.	Date.			Inches.	Days.	Inches.	Days.
Jan. ...	29·91	30·11	29·55	88	67	107	54	107	{ 1897 }	51	1901	9·92	10·45	0·03	3	0·34	3
Feb. ...	·93	·14	·59	85	62	102	55	107	1915	48	1902	8·74	8·58	0·01	1	0·46	2
March...	·99	·33	·79	82	62	104	47	106	1914	46	1903	6·97	7·60	1·63	6	0·72	4
April...	30·07	·36	·80	79	58	88	51	100	1910	39	1914	5·45	4·70	Nd	Nd	1·63	7
May ...	·09	·29	·54	69	53	82	45	90	1907	34	1914	2·60	2·77	6·70	20	4·70	14
June ...	·06	·27	·37	64	50	70	35	82	1914	36	1914	1·64	1·75	11·82	21	6·86	17
July ...	·09	·43	·43	62	46	72	35	74	1919	34	1916	1·60	1·69	5·86	19	6·52	17
Aug. ...	·08	·42	·55	62	48	70	41	81	1914	35	1908	2·11	2·37	9·94	22	5·64	18
Sept. ...	·06	·38	·64	68	50	84	44	91	1918	39	1913	3·07	3·32	2·53	12	3·53	14
Oct. ...	·03	·33	·78	72	54	87	46	93	1906	41	1917	5·22	5·22	1·45	12	2·13	12
Nov. ...	29·99	·31	·67	82	60	97	52	105	1913	42	1904	8·40	7·63	·22	5	0·79	6
Dec. ...	·93	·18	·74	81	61	102	50	108	1904	48	1910	11·04	9·78	·16	3	0·58	4
Mean ...	30·02	...	...	74	56	...	...	...	...	...	...	...	...	...	...	...	...
Extreme	...	30·43	29·37	...	...	107	35	108	20-12-04	34	7-7-16	11·04	...	11·82	22	...	...
Total ...	...	...	...	...	...	...	...	...	...	...	...	66·76	65·86	40·35	124	33·60	118

\* In addition to other corrections, further correction for standard gravity has been applied.

(b) Annual Rainfall in Meteorological Land Divisions during 1919, with averages to the end of 1918.

Land Divisions.	Rainfall during 1919.		Average previous years.		Period of Observations.	
	Range.	Mean.	Range of Means to end of 1918.	Average.	Range.	Average.
	Inches.	Inches.	Inches.	Inches.	Years.	Years.
North Kimberley ...	35·01 to 48·35	39·86	27·05 to 36·71	31·88	10 to 32	22
East Kimberley ...	11·90 „ 41·61	20·61	18·01 „ 32·44	25·99	10 „ 28	19
West Kimberley ...	14·40 „ 44·17	26·44	15·80 „ 36·76	23·28	10 „ 33	18
DeGrey ...	2·72 „ 14·79	8·42	9·82 „ 18·20	12·79	10 „ 37	19
Fortescue ...	1·30 „ 15·24	4·99	9·18 „ 16·59	12·20	10 „ 33	23
West Gascoyne ...	1·96 „ 13·18	5·99	7·91 „ 13·46	9·90	10 „ 36	19
East Gascoyne ...	2·29 „ 18·29	8·69	7·07 „ 11·72	9·51	10 „ 30	18
South-West—						
North Coastal ...	10·56 „ 22·85	13·76	10·32 „ 29·86	17·61	10 „ 41	18
South Coastal ...	17·49 „ 58·95	31·56	24·19 „ 49·58	35·17	10 „ 43	21
Central, North ...	5·03 „ 25·11	13·57	10·26 „ 21·22	13·80	10 „ 39	17
Central, South ...	10·44 „ 28·70	15·67	12·83 „ 28·61	18·43	10 „ 42	18
North-East ...	6·25 „ 12·71	9·10	9·03 „ 10·34	9·05	8 „ 20	12
South-East ...	6·44 „ 20·19	13·24	7·84 „ 12·61	10·01	10 „ 29	18
Eucaly ...	10·70 „ 24·99	16·62	9·72 „ 28·63	17·57	10 „ 44	23